NEW JERSEY POLLUTANT DISCHARGE ELIMINATION SYSTEM

The New Jersey Department of Environmental Protection hereby grants you a NJPDES permit for the facility/activity named in this document. This permit is the regulatory mechanism used by the Department to help ensure your discharge will not harm the environment. By complying with the terms and conditions specified, you are assuming an important role in protecting New Jersey's valuable water resources. Your acceptance of this permit is an agreement to conform with all of its provisions when constructing, installing, modifying, or operating any facility for the collection, treatment, or discharge of pollutants to waters of the state. If you have any questions about this document, please feel free to contact the Department representative listed in the permit cover letter. Your cooperation in helping us protect and safeguard our state's environment is appreciated.

Permit Number: NJ0050423

Final: Surface Water Renewal Permit Action

Permittee:
Lower Alloways Creek Township
501 Locust Island Road
Hancocks Bridge, NJ 08038

Co-Permittee:

Property Owner:
Lower Alloways Creek Township
501 Locust Island Road
Hancocks Bridge, NJ 08038

Location Of Activity:
Hancocks Bridge Sewage Treatment Plant
Poplar Street
Hancocks Bridge, NJ 08038

Authorization(s) Covered Under This Approval	Issuance Date	Effective Date	Expiration Date
A -Sanitary Wastewater	4/26/2007	6/1/2007	5/31/2012

By Authority of:
Commissioner's Office

DEP AUTHORIZATION
Pilar Patterson, Chief
Bureau of Point Source Permitting – Region 2
Division of Water Quality

(Terms, conditions and provisions attached hereto)

PART I
GENERAL REQUIREMENTS:
NJPDES

A. General Requirements of all NJPDES Permits

1. Requirements Incorporated by Reference

a. The permittee shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e. following, which are in effect as of the effective date of the final permit.

b. General Conditions

Penalties for Violations	N.J.A.C. 7:14-8.1 et seq.
Incorporation by Reference	N.J.A.C. 7:14A-2.3
Toxic Pollutants	N.J.A.C. 7:14A-6.2(a)4i
Duty to Comply	N.J.A.C. 7:14A-6.2(a)1 & 4
Duty to Mitigate	N.J.A.C. 7:14A-6.2(a)5 & 11
Inspection and Entry	N.J.A.C. 7:14A-2.11(e)
Enforcement Action	N.J.A.C. 7:14A-2.9
Duty to Reapply	N.J.A.C. 7:14A-4.2(e)3
Signatory Requirements for Applications and Reports	N.J.A.C. 7:14A-4.9
Effect of Permit/Other Laws	N.J.A.C. 7:14A-6.2(a)6 & 7 & 2.9(c)
Severability	N.J.A.C. 7:14A-2.2
Administrative Continuation of Permits	N.J.A.C. 7:14A-2.8
Permit Actions	N.J.A.C. 7:14A-2.7(c)
Reopener Clause	N.J.A.C. 7:14A-6.2(a)10
Permit Duration and Renewal	N.J.A.C. 7:14A-2.7(a) & (b)
Consolidation of Permit Process	N.J.A.C. 7:14A-15.5
Confidentiality	N.J.A.C. 7:14A-18.2 & 2.11(g)
Fee Schedule	N.J.A.C. 7:14A-3.1
Treatment Works Approval	N.J.A.C. 7:14A-22 & 23

c. Operation And Maintenance

Need to Halt or Reduce not a Defense	N.J.A.C. 7:14A-2.9(b)
Proper Operation and Maintenance	N.J.A.C. 7:14A-6.12

d. Monitoring And Records

Monitoring	N.J.A.C. 7:14A-6.5
Recordkeeping	N.J.A.C. 7:14A-6.6
Signatory Requirements for Monitoring Reports	N.J.A.C. 7:14A-6.9

e. Reporting Requirements

Planned Changes	N.J.A.C. 7:14A-6.7
Reporting of Monitoring Results	N.J.A.C. 7:14A-6.8
Noncompliance Reporting	N.J.A.C. 7:14A-6.10 & 6.8(h)
Hotline/Two Hour & Twenty-four Hour Reporting	N.J.A.C. 7:14A-6.10(c) & (d)
Written Reporting	N.J.A.C. 7:14A-6.10(e) &(f) & 6.8(h)
Duty to Provide Information	N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
Schedules of Compliance	N.J.A.C. 7:14A-6.4
Transfer	N.J.A.C. 7:14A-6.2(a)8 & 16.2

PART II

GENERAL REQUIREMENTS: DISCHARGE CATEGORIES

A. Additional Requirements Incorporated By Reference

1. Requirements for Discharges to Surface Waters

a. In addition to conditions in Part I of this permit, the conditions in this section are applicable to activities at the permitted location and are incorporated by reference. The permittee is required to comply with the regulations which are in effect as of the effective date of the final permit.

i. Surface Water Quality Standards N.J.A.C. 7:9B-1

ii. Water Quality Management Planning Regulations N.J.A.C. 7:15

B. General Conditions

1. Scope

a. The issuance of this permit shall not be considered as a waiver of any applicable federal, state, and local rules, regulations and ordinances.

2. Permit Renewal Requirement

a. Permit conditions remain in effect and enforceable until and unless the permit is modified, renewed or revoked by the Department.

b. Submit a complete permit renewal application: 180 days before the Expiration Date.

3. Notification of Non-Compliance

a. The permittee shall notify the Department of all non-compliance when required in accordance with N.J.A.C. 7:14A-6.10 by contacting the DEP HOTLINE at 1-877-WARNDEP (1-877-927-6337).

b. The permittee shall submit a written report as required by N.J.A.C. 7:14A-6.10 within five days.

4. Notification of Changes

a. The permittee shall give written notification to the Department of any planned physical or operational alterations or additions to the permitted facility when the alteration is expected to result in a significant change in the permittee's discharge and/or residuals use or disposal practices including the cessation of discharge in accordance with N.J.A.C. 7:14A-6.7.

b. Prior to any change in ownership, the current permittee shall comply with the requirements of N.J.A.C. 7:14A-16.2, pertaining to the notification of change in ownership.

5. Access to Information

a. The permittee shall allow an authorized representative of the Department, upon the presentation of credentials, to enter upon a person's premises, for purposes of inspection, and to access / copy any records that must be kept under the conditions of this permit.

6. **Residuals Management**

a. The permittee shall comply with land-based sludge management criteria and shall conform with the requirements for the management of residuals and grit and screenings under N.J.A.C. 7:14A-6.15(a), which includes:

i. Standards for the Use or Disposal of Residual, N.J.A.C. 7:14A-20;

ii. Section 405 of the Federal Act governing the disposal of sludge from treatment works treating domestic sewage;

iii. The Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq., and the Solid Waste Management Rules, N.J.A.C. 7:26;

iv. The Sludge Quality Assurance Regulations, N.J.A.C. 7:14C;

v. The Statewide Sludge Management Plan promulgated pursuant to the Water Quality Planning Act, N.J.S.A. 58:11A-1 et seq., and the Solid Waste Management Act, N.J.S.A. 13:1E-1 et seq.; and

vi. The provisions concerning disposal of sewage sludge and septage in sanitary landfills set forth at N.J.S.A. 13:1E-42 and the Statewide Sludge Management Plan.

vii. Residual that is disposed in a municipal solid waste landfill unit shall meet the requirements in 40 CFR Part 258 and/or N.J.A.C. 7:26 concerning the quality of residual disposed in a municipal solid waste landfill unit. (That is, passes the Toxicity Characteristic Leaching Procedure and does not contain "free liquids" as defined at N.J.A.C. 7:14A-1.2.)

b. If any applicable standard for residual use or disposal is promulgated under section 405(d)of the Federal Act and Sections 4 and 6 of the State Act and that standard is more stringent than any limitation on the pollutant or practice in the permit, the Department may modify or revoke and reissue the permit to conform to the standard for residual use or disposal.

c. The permittee shall make provisions for storage, or some other approved alternative management strategy, for anticipated downtimes at a primary residual management alternative. The permittee shall not be permitted to store residual beyond the capacity of the structural treatment and storage components of the treatment works. N.J.A.C. 7:14A-20.8(a) and N.J.A.C. 7:26 provide for the temporary storage of residuals for periods not exceeding six months, provided such storage does not cause pollutants to enter surface or ground waters of the State. The storage of residual for more than six months is not authorized under this permit. However, this prohibition does not apply to residual that remains on the land for longer than six months when the person who prepares the residual demonstrates that the land on which the residual remains is not a surface disposal site or landfill. The demonstration shall explain why residual must remain on the land for longer than six months prior to final use or disposal, discuss the approximate time period during which the residual shall be used or disposed and provide documentation of ultimate residual management arrangements. Said demonstration shall be in writing, be kept on file by the person who prepares residual, and submitted to the Department upon request.

d. The permittee shall comply with the appropriate adopted District Solid Waste or Sludge Management Plan (which by definition in N.J.A.C. 7:14A-1.2 includes Generator Sludge Management Plans), unless otherwise specifically exempted by the Department.

e. The preparer must notify and provide information necessary to comply with the N.J.A.C. 7:14A-20 land application requirements to the person who applies bulk residual to the land. This shall include, but not be limited to, the applicable recordkeeping requirements and certification statements of 40 CFR 503.17 as referenced at N.J.A.C 7:14A-20.7(j).

f. The preparer who provides biosolids to another person who further prepares the biosolids for application to the land must provide this person with notification and information necessary to comply with the N.J.A.C. 7:14A-20 land application requirements.

g. Any person who prepares bulk residual in New Jersey that is applied to land in a State other than New Jersey shall comply with the requirement at N.J.A.C. 7:14A-20.7(b)1.ix and/or 20.7(b)1.x, as applicable, to provide written notice to the Department and to the permitting authority for the State in which the bulk residual is proposed to be applied.

7. Operator Certification

a. Pursuant to N.J.A.C. 7:10A-1.1 et seq. every wastewater system not exempt pursuant to N.J.A.C. 7:10A-1.1(b) requires a licensed operator. The operator of a system shall meet the Department's requirements pursuant to N.J.A.C. 7:10A-1.1 and any amendments. The name of the proposed operator, where required shall be submitted to the Department at the address below, in order that his/her qualifications may be determined prior to initiating operation of the treatment works.

i. Notifcations shall be submitted to:
NJDEP
Examination and Licensing Unit
P.O. Box 417
Trenton, New Jersey 08625
(609)777-1012

b. The permittee shall notify the Department of any changes in licensed operator within two weeks of the change.

8. Operation Restrictions

a. The operation of a waste treatment or disposal facility shall at no time create: (a) a discharge, except as authorized by the Department in the manner and location specified in Part III of this permit; (b) any discharge to the waters of the state or any standing or ponded condtion for water or waste, except as specifically authorized by a valid NJPDES permit.

PART III
LIMITS AND MONITORING REQUIREMENTS

MONITORED LOCATION:	RECEIVING STREAM:	STREAM CLASSIFICATION:	DISCHARGE CATEGORY(IES):
001A Surface Water Outfall	Alloways Creek	SE1(C2) - tidal trib to Zone 5	A - Sanitary Wastewater

Location Description

Influent monitoring location shall be before any treatment, other than degritting, and before the addition of any internal wastestreams. Discharge Serial Number (DSN) 001 shall discharge to Alloways Creek, classified as SE1 waters, at a latitude of 39d 30m 25.0s, and a longitude of 75d 27m 50.3s. The effluent monitoring location for all parameters (including WET) shall be after the last treatment step.

Contributing Waste Types

Sanitary

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Comments:

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: 1-Interim **PHASE Start Date:** 06/01/2007 **PHASE End Date:** 05/31/2010

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Flow, In Conduit or Thru Treatment Plant	Effluent Gross Value	REPORT Monthly Average	REPORT Daily Maximum	MGD	*****	*****	*****	*****	Continuous	Continuous
January thru December	QL	***	***		***	***	***			
BOD, 5-Day (20 oC)	Raw Sew/influent	*****	*****	*****	*****	REPORT Monthly Average	REPORT Weekly Average	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			
BOD, 5-Day (20 oC)	Effluent Gross Value	1.9 Monthly Average	7.1 Weekly Average	KG/DAY	*****	30 Monthly Average	45 Weekly Average	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			
BOD, 5-Day (20 oC)	Percent Removal	*****	*****	*****	87.5 Monthly Av Minimum	*****	*****	PERCENT	2/Month	Calculated
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Comments:

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: 1-Interim **PHASE Start Date:** 06/01/2007 **PHASE End Date:** 05/31/2010

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
pH	Raw Sew/influent	*****	*****	*****	REPORT Report Per Minimum	*****	REPORT Report Per Maximum	SU	1/Day	Grab
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	6.0 Report Per Minimum	*****	9.0 Report Per Maximum	SU	1/Day	Grab
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Raw Sew/influent	*****	*****	*****	*****	REPORT Monthly Average	REPORT Weekly Average	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Effluent Gross Value	5.7 Monthly Average	8.5 Weekly Average	KG/DAY	*****	30 Monthly Average	45 Weekly Average	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Percent Removal	*****	*****	*****	85 Monthly Av Minimum	*****	*****	PERCENT	2/Month	Calculated
January thru December	QL	***	***		***	***	***			
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	10 Monthly Average	15 Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Nitrogen, Ammonia Total (as N)	Effluent Gross Value	6.6 Monthly Average	REPORT Daily Maximum	KG/DAY	*****	35 Monthly Average	REPORT Daily Maximum	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Comments:

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: 1-Interim **PHASE Start Date:** 06/01/2007 **PHASE End Date:** 05/31/2010

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Enterococci	Effluent Gross Value	*****	*****	*****	*****	REPORT Monthly Geo Avg	REPORT Instant Maximum	#/100ML	5/Month	Grab
January thru December	QL	***	***		***	***	***			
Coliform, Fecal General	Effluent Gross Value	*****	*****	*****	*****	200 Monthly Geo Avg	1000 Weekly Geometric	#/100ML	1/Month	Grab
January thru December	QL	***	***		***	***	***			
LC50 Statre 96hr Acu Mysid Bahia	Effluent Gross Value	*****	*****	*****	REPORT Report Per Minimum	*****	*****	%EFFL	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			
IC25 Statre 7day Chr Mysid Bahia	Effluent Gross Value	*****	*****	*****	REPORT Report Per Minimum	*****	*****	%EFFL	1/Quarter	Composite
January thru December	QL	***	***		***	***	***			
IC25 Statre 7day Chr Menidia	Effluent Gross Value	*****	*****	*****	REPORT Report Per Minimum	*****	*****	%EFFL	1/Quarter	Composite
January thru December	QL	***	***		***	***	***			
Chlorine Produced Oxidants	Effluent Gross Value	REPORT Monthly Average	REPORT Daily Maximum	KG/DAY	*****	REPORT Monthly Average	REPORT Daily Maximum	MG/L	1/Day	Grab
January thru December	MDL	0.02	0.02		***	0.1	0.1			
Temperature, oC	Raw Sew/influent	*****	*****	*****	REPORT Report Per Minimum	REPORT Monthly Average	REPORT Report Per Maximum	DEG.C	1/Day	Grab
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Comments:

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

Table III - A - 1: Surface Water DMR Limits and Monitoring Requirements

PHASE: 1-Interim **PHASE Start Date:** 06/01/2007 **PHASE End Date:** 05/31/2010

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Temperature, oC	Effluent Gross Value	*****	*****	*****	REPORT Report Per Minimum	REPORT Monthly Average	REPORT Report Per Maximum	DEG.C	1/Day	Grab
January thru December	QL	***	***		***	***	***			
Oxygen, Dissolved (DO)	Effluent Gross Value	*****	*****	*****	*****	5.0 Weekly Av Minimum	*****	MG/L	2/Month	Grab
January thru December	QL	***	***		***	***	***			
1,2-Dichloroethane	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	4 Hour Composite
January thru December	RQL	***	***		***	***	1.0			
Tetrachloroethylene	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	4 Hour Composite
January thru December	RQL	***	***		***	***	1.0			
Trichloroethene	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	4 Hour Composite
January thru December	RQL	***	***		***	***	1.0			

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Comments:

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE: 2-Final **PHASE Start Date:** 06/01/2010 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Flow, In Conduit or Thru Treatment Plant	Effluent Gross Value	REPORT Monthly Average	REPORT Daily Maximum	MGD	*****	*****	*****	*****	Continuous	Continuous
January thru December	QL	***	***		***	***	***			
BOD, 5-Day (20 oC)	Raw Sew/influent	*****	*****	*****	*****	REPORT Monthly Average	REPORT Weekly Average	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			
BOD, 5-Day (20 oC)	Effluent Gross Value	1.9 Monthly Average	7.1 Weekly Average	KG/DAY	*****	25 Monthly Average	37.5 Weekly Average	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			
BOD, 5-Day (20 oC)	Percent Removal	*****	*****	*****	87.5 Monthly Av Minimum	*****	*****	PERCENT	2/Month	Calculated
January thru December	QL	***	***		***	***	***			
pH	Raw Sew/influent	*****	*****	*****	REPORT Report Per Minimum	*****	REPORT Report Per Maximum	SU	1/Day	Grab
January thru December	QL	***	***		***	***	***			
pH	Effluent Gross Value	*****	*****	*****	6.0 Report Per Minimum	*****	9.0 Report Per Maximum	SU	1/Day	Grab
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Raw Sew/influent	*****	*****	*****	*****	REPORT Monthly Average	REPORT Weekly Average	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Comments:

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE: 2-Final **PHASE Start Date:** 06/01/2010 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Solids, Total Suspended	Effluent Gross Value	5.7 Monthly Average	8.5 Weekly Average	KG/DAY	*****	30 Monthly Average	45 Weekly Average	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			
Solids, Total Suspended	Percent Removal	*****	*****	*****	85 Monthly Av Minimum	*****	*****	PERCENT	2/Month	Calculated
January thru December	QL	***	***		***	***	***			
Oil and Grease	Effluent Gross Value	*****	*****	*****	*****	10 Monthly Average	15 Instant Maximum	MG/L	1/Quarter	Grab
January thru December	QL	***	***		***	***	***			
Nitrogen, Ammonia Total (as N)	Effluent Gross Value	6.6 Monthly Average	REPORT Daily Maximum	KG/DAY	*****	35 Monthly Average	REPORT Daily Maximum	MG/L	2/Month	4 Hour Composite
January thru December	QL	***	***		***	***	***			
Enterococci	Effluent Gross Value	*****	*****	*****	*****	REPORT Monthly Geo Avg	REPORT Instant Maximum	#/100ML	5/Month	Grab
January thru December	QL	***	***		***	***	***			
Coliform, Fecal General	Effluent Gross Value	*****	*****	*****	*****	200 Monthly Geo Avg	400 Weekly Geometric	#/100ML	1/Month	Grab
January thru December	QL	***	***		***	***	***			
LC50 Statre 96hr Acu Mysid Bahia	Effluent Gross Value	*****	*****	*****	50 Report Per Minimum	*****	*****	%EFFL	1/6 Months	Composite
January thru December	QL	***	***		***	***	***			

Surface Water DMR Reporting Requirements:

Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Comments:

Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE: 2-Final **PHASE Start Date:** 06/01/2010 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
IC25 Statre 7day Chr Mysid Bahia	Effluent Gross Value	*****	*****	*****	REPORT Report Per Minimum	*****	*****	%EFFL	1/Quarter	Composite
January thru December	QL	***	***		***	***	***			
IC25 Statre 7day Chr Menidia	Effluent Gross Value	*****	*****	*****	REPORT Report Per Minimum	*****	*****	%EFFL	1/Quarter	Composite
January thru December	QL	***	***		***	***	***			
Chlorine Produced Oxidants	Effluent Gross Value	0.001 Monthly Average	0.001 Daily Maximum	KG/DAY	*****	0.01 Monthly Average	0.01 Daily Maximum	MG/L	1/Day	Grab
January thru December	MDL	0.02	0.02		***	0.1	0.1			
Temperature, oC	Raw Sew/influent	*****	*****	*****	REPORT Report Per Minimum	REPORT Monthly Average	REPORT Report Per Maximum	DEG.C	1/Day	Grab
January thru December	QL	***	***		***	***	***			
Temperature, oC	Effluent Gross Value	*****	*****	*****	REPORT Report Per Minimum	REPORT Monthly Average	REPORT Report Per Maximum	DEG.C	1/Day	Grab
January thru December	QL	***	***		***	***	***			
Oxygen, Dissolved (DO)	Effluent Gross Value	*****	*****	*****	*****	5.0 Weekly Av Minimum	*****	MG/L	2/Month	Grab
January thru December	QL	***	***		***	***	***			
1,2-Dichloroethane	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	4 Hour Composite
January thru December	RQL	***	***		***	***	1.0			

Surface Water DMR Reporting Requirements:
Submit a Monthly DMR: within twenty-five days after the end of every month beginning from the effective date of the permit (EDP).

Comments:
Please note, sampling for Enterococci shall be done at a frequency of 5 samples per month for one month of each 6 month monitoring period. For the other 5 months of the 6 month monitoring period where no sampling is required for Enterococci, the permittee shall report "CODE=N" for Enterococci.

Table III - A - 2: Surface Water DMR Limits and Monitoring Requirements

PHASE: 2-Final **PHASE Start Date:** 06/01/2010 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Tetrachloroethylene	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	4 Hour Composite
January thru December	RQL	***	***		***	***	1.0			
Trichloroethene	Effluent Gross Value	*****	*****	*****	*****	*****	REPORT Daily Maximum	UG/L	1/Quarter	4 Hour Composite
January thru December	RQL	***	***		***	***	1.0			

Surface Water WCR - Semi Annual Reporting Requirements:
Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Manganese, Total Recoverable	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Cyanide, Total (as CN)	Effluent Gross Value	REPORT ROL = 40	UG/L	Grab	January thru December

Surface Water WCR - Semi Annual Reporting Requirements:

Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Arsenic, Total Recoverable (as As)	Effluent Gross Value	REPORT RQL = 8	UG/L	24 Hour Composite	January thru December
Selenium, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Thallium, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Nickel, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Silver, Total Recoverable	Effluent Gross Value	REPORT RQL = 2	UG/L	24 Hour Composite	January thru December
Zinc, Total Recoverable	Effluent Gross Value	REPORT RQL = 30	UG/L	24 Hour Composite	January thru December
Cadmium, Total Recoverable	Effluent Gross Value	REPORT RQL = 4	UG/L	24 Hour Composite	January thru December
Lead, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Chromium, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Copper, Total Recoverable	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Chromium, Hexavalent Dissolved (as Cr)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Antimony, Total Recoverable	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Mercury Total Recoverable	Effluent Gross Value	REPORT RQL = 1	UG/L	24 Hour Composite	January thru December
Anthracene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Benzo(b)fluoranthene (3,4-benzo)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December

Surface Water WCR - Semi Annual Reporting Requirements:

Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Benzo(k)fluoranthene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Benzo(a)pyrene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Bis(2-chloroethyl) ether	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Bis (2-chloroiso-propyl) ether	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Butyl benzyl phthalate	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Chrysene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Diethyl phthalate	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Dimethyl phthalate	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
1,2-Diphenyl-hydrazine	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Fluoranthene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Fluorene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Hexachlorocyclo-pentadiene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Hexachloroethane	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Indeno(1,2,3-cd)-pyrene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Isophorone	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December

Surface Water WCR - Semi Annual Reporting Requirements:

Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
N-nitrosodiphenyl-amine	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
N-nitrosodimethyl-amine	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Nitrobenzene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Pyrene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Benzo(a)anthracene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
1,2-Dichlorobenzene	Effluent Gross Value	REPORT RQL = 9	UG/L	24 Hour Composite	January thru December
1,2,4-Trichloro-benzene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Dibenzo(a,h) anthracene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
1,3-Dichlorobenzene	Effluent Gross Value	REPORT RQL = 9	UG/L	24 Hour Composite	January thru December
1,4-Dichlorobenzene	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
2,4-Dinitrotoluene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
3,3'-Dichloro-benzidine	Effluent Gross Value	REPORT RQL = 60	UG/L	24 Hour Composite	January thru December
Bis(2-ethylhexyl) phthalate	Effluent Gross Value	REPORT RQL = 30	UG/L	24 Hour Composite	January thru December
Di-n-butyl phthalate	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
Benzidine	Effluent Gross Value	REPORT RQL = 50	UG/L	24 Hour Composite	January thru December

Surface Water WCR - Semi Annual Reporting Requirements:

Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Malathion	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Demeton	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Hexachlorobenzene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Hexachlorobutadiene	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Mirex	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
1,3-Dichloropropene	Effluent Gross Value	REPORT RQL = 7	UG/L	Grab	January thru December
1,2,4,5-Tetrachloro-benzene	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Carbon Tetrachloride	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
1,2-Dichloroethane	Effluent Gross Value	REPORT RQL = 3	UG/L	Grab	January thru December
Bromoform	Effluent Gross Value	REPORT RQL = 8	UG/L	Grab	January thru December
Chloroform	Effluent Gross Value	REPORT RQL = 5	UG/L	Grab	January thru December
Toluene	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Benzene	Effluent Gross Value	REPORT RQL = 7	UG/L	Grab	January thru December
Acrolein	Effluent Gross Value	REPORT RQL = 50	UG/L	Grab	January thru December
Acrylonitrile	Effluent Gross Value	REPORT RQL = 50	UG/L	Grab	January thru December

Surface Water WCR - Semi Annual Reporting Requirements:

Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Chlorobenzene	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Chlorodibromomethane	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Ethylbenzene	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Methyl Bromide	Effluent Gross Value	REPORT RQL = 9	UG/L	Grab	January thru December
Methylene Chloride	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
Tetrachloroethylene	Effluent Gross Value	REPORT RQL = 9	UG/L	Grab	January thru December
1,1-Dichloroethylene	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
1,1,2-Trichloro-ethane	Effluent Gross Value	REPORT RQL = 6	UG/L	Grab	January thru December
1,1,2,2-Tetrachloro-ethane	Effluent Gross Value	REPORT RQL = 10	UG/L	Grab	January thru December
Bromodichloromethane	Effluent Gross Value	REPORT RQL = 5	UG/L	Grab	January thru December
Vinyl Chloride	Effluent Gross Value	REPORT RQL = 10	UG/L	Grab	January thru December
Trichloroethylene	Effluent Gross Value	REPORT RQL = 5	UG/L	Grab	January thru December
Methoxychlor	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
2,4,5-Trichloro-phenol	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Endosulfan Sulfate	Effluent Gross Value	REPORT RQL = 0.08	UG/L	24 Hour Composite	January thru December

Surface Water WCR - Semi Annual Reporting Requirements:

Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Beta Endosulfan	Effluent Gross Value	REPORT RQL = 0.04	UG/L	24 Hour Composite	January thru December
Alpha Endosulfan	Effluent Gross Value	REPORT RQL = 0.02	UG/L	24 Hour Composite	January thru December
Endrin Aldehyde	Effluent Gross Value	REPORT RQL = 0.1	UG/L	24 Hour Composite	January thru December
PCB-1016 (Arochlor 1016)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
2,3,7,8-Tetrachloro- dibenzo-p-dioxin	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
4,4'-DDT(p,p'-DDT)	Effluent Gross Value	REPORT RQL = 0.06	UG/L	24 Hour Composite	January thru December
4,4'-DDD(p,p'-DDD)	Effluent Gross Value	REPORT RQL = 0.04	UG/L	24 Hour Composite	January thru December
4,4'-DDE(p,p'-DDE)	Effluent Gross Value	REPORT RQL = 0.04	UG/L	24 Hour Composite	January thru December
Aldrin	Effluent Gross Value	REPORT RQL = 0.04	UG/L	24 Hour Composite	January thru December
Alpha BHC	Effluent Gross Value	REPORT RQL = 0.02	UG/L	24 Hour Composite	January thru December
Beta BHC	Effluent Gross Value	REPORT RQL = 0.04	UG/L	24 Hour Composite	January thru December
Gamma BHC (lindane),	Effluent Gross Value	REPORT RQL = 0.03	UG/L	24 Hour Composite	January thru December
Chlordane	Effluent Gross Value	REPORT RQL = 0.2	UG/L	24 Hour Composite	January thru December
Dieldrin	Effluent Gross Value	REPORT RQL = 0.03	UG/L	24 Hour Composite	January thru December
Endosulfans, Total (alpha and beta)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December

Surface Water WCR - Semi Annual Reporting Requirements:

Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Endrin	Effluent Gross Value	REPORT RQL = 0.04	UG/L	24 Hour Composite	January thru December
Toxaphene	Effluent Gross Value	REPORT RQL = 1	UG/L	24 Hour Composite	January thru December
Heptachlor	Effluent Gross Value	REPORT RQL = 0.02	UG/L	24 Hour Composite	January thru December
Heptachlor Epoxide	Effluent Gross Value	REPORT RQL = 0.4	UG/L	24 Hour Composite	January thru December
PCB-1221 (Arochlor 1221)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1232 (Arochlor 1232)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1242 (Arochlor 1242)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1248 (Arochlor 1248)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1254 (Arochlor 1254)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
PCB-1260 (Arochlor 1260)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Polychlorinated Biphenyls (PCBs)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Chlorpyrifos	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
2-Chlorophenol	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
2,4-Dichlorophenol	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
2,4-Dinitrophenol	Effluent Gross Value	REPORT RQL = 40	UG/L	24 Hour Composite	January thru December

Surface Water WCR - Semi Annual Reporting Requirements:

Submit a Semi-Annual WCR: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP).

Table III - A - 3: Surface Water WCR - Semi Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
2,4,6-Trichloro-phenol	Effluent Gross Value	REPORT RQL = 20	UG/L	24 Hour Composite	January thru December
4,6-Dinitro-o-cresol	Effluent Gross Value	REPORT RQL = 60	UG/L	24 Hour Composite	January thru December
Phenol Single Compound	Effluent Gross Value	REPORT RQL = 10	UG/L	24 Hour Composite	January thru December
Pentachlorophenol	Effluent Gross Value	REPORT RQL = 30	UG/L	24 Hour Composite	January thru December
Pentachlorobenzene	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Sulfide-Hydrogen Sulfide(undissociat)	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December
Guthion	Effluent Gross Value	REPORT	UG/L	24 Hour Composite	January thru December

MONITORED LOCATION:
SL1A SQAR-Sludge Storage Tank

DISCHARGE CATEGORY(IES):
A - Sanitary Wastewater

Location Description

SQAR samples shall be collected on the sludge removed from the sludge storage tank. Samples shall be representative of the sludge leaving the treatment plant for use or disposal.

Contributing Waste Types

Dom Residual-Other

Residuals DMR Reporting Requirements:

Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

Table III - B - 1: Residuals DMR Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Solids, Total	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	%TS	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Nitrate Nitrogen, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Nitrogen, Kjeldahl Total, Dry Wt	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Potassium Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

Table III - B - 1: Residuals DMR Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Nitrogen, Ammonia Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Calcium Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Molybdenum Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Phosphorus Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Arsenic, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Selenium, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Copper, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

Table III - B - 1: Residuals DMR Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Beryllium Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Cadmium, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Zinc, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Lead, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Nickel, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			
Mercury, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			

Residuals DMR Reporting Requirements:
Submit an Annual DMR: due 60 calendar days after the end of each calendar year.

Table III - B - 1: Residuals DMR Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Limit	Limit	Units	Limit	Limit	Limit	Units	Frequency	Sample Type
Chromium, Dry Weight	Residuals	*****	*****	*****	*****	REPORT Monthly Average	*****	MG/KG	1/Year	Composite
January thru December	QL	***	***		***	***	***			

Residuals WCR - Annual Reporting Requirements:
Submit an Annual WCR: due 60 calendar days after the end of each calendar year.

Table III - B - 3: Residuals WCR - Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Sludge Landfilled	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Land Applied	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Disposed Out-of-State	Residuals	REPORT	DMT/YR	Calculated	January thru December
Amt Sludge Rmvd, Wet Cubic Yards	Residuals	REPORT	WCY/YR	Calculated	January thru December

Residuals WCR - Annual Reporting Requirements:
Submit an Annual WCR: due 60 calendar days after the end of each calendar year.

Table III - B - 3: Residuals WCR - Annual Limits and Monitoring Requirements

PHASE: Final **PHASE Start Date:** 06/01/2007 **PHASE End Date:**

Parameter	Sample Point	Compliance Quantity	Units	Sample Type	Monitoring Period
Amt Sludge Rmvd, Wet Metric Tons	Residuals	REPORT	WMT/YR	Calculated	January thru December
Amt Sludge Rmvd, Gallons	Residuals	REPORT	GAL/YEAR	Calculated	January thru December
Sludge Bene Use Out-of-State	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Surface Disposed	Residuals	REPORT	DMT/YR	Calculated	January thru December
Total Amount of Sludge Removed	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Incinerated	Residuals	REPORT	DMT/YR	Calculated	January thru December
Sludge Disposed-Other Methods	Residuals	REPORT	DMT/YR	Calculated	January thru December
Solids, Total	Residuals	REPORT	%TS	Composite	January thru December

Residuals Transfer Reporting Requirements:

Submit an Annual RTR: due 60 calendar days after the end of each calendar year.

PART IV

SPECIFIC REQUIREMENTS: NARRATIVE

Sanitary Wastewater

A. MONITORING REQUIREMENTS

1. Standard Monitoring Requirements

a. Each analysis required by this permit shall be performed by a New Jersey Certified Laboratory that is certified to perform that analysis.

b. The Permittee shall perform all water/wastewater analyses in accordance with the analytical test procedures specified in 40 CFR 136, unless other test procedures have been approved by the Department in writing or as otherwise specified in the permit.

c. The permittee shall utilize analytical methods that will ensure compliance with the Quantification Levels (QLs) listed in PART III. QLs include, but are not limited to, Recommended Quantification Levels (RQLs) and Method Detection Levels (MDLs). If the permittee and/or contract laboratory determines that the QLs achieved for any pollutant(s) generally will not be as sensitive as the QLs specified in PART III, the permittee must submit a justification of such to the Bureau of Point Source Permitting Region 2. For limited parameters with no QL specified, the sample analysis shall use a detection level at least as sensitive as the effluent limit.

d. All sampling shall be conducted in accordance with the Department's Field Sampling Procedures Manual, or an alternate method approved by the Department in writing.

e. All monitoring shall be conducted as specified in Part III.

f. All sample frequencies expressed in Part III are minimum requirements. Any additional samples taken consistent with the monitoring and reporting requirements contained herein shall be reported on the Monitoring Report Forms.

g. Annual and semi-annual wastewater testing shall be conducted in a different quarter of each year so that tests are conducted in each of the four permit quarters of the permit cycle. Testing may be conducted during any month of the permit quarters.

h. Monitoring for Wastewater Characterization Report parameters shall be conducted concurrently with the Whole Effluent Toxicity (WET) monitoring, when feasible.

i. Any influent and effluent sampling for toxic pollutant analyses shall be collected concurrently.

j. The permittee shall perform all residual analyses in accordance with the analytical test procedures specified in 40 CFR 503.8 and the Sludge Quality Assurance Regulations (N.J.A.C. 7:14C) unless other test procedures have been approved by the Department in writing or as otherwise specified in the permit.

k. The Enterococci sample collection shall be a minimum of five (5) samples per month for each 6 month monitoring period. Each month that Enterococci is sampled, the permittee shall conduct split sample analyses with Fecal Coliform. The split sample analyses shall be conducted, at a minimum, at the same sampling frequency required for Fecal Coliform during that month.

B. RECORDKEEPING

1. Standard Recordkeeping Requirements

a. The permittee shall retain records of all monitoring information, including 1) all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation (if applicable), 2) copies of all reports required by this NJPDES permit, 3) all data used to complete the application for a NJPDES permit, and 4) monitoring information required by the permit related to the permittee's residual use and/or disposal practices, for a period of at least 5 years, or longer as required by N.J.A.C. 7:14A-20, from the date of the sample, measurement, report, application or record.

b. Records of monitoring information shall include 1) the date, locations, and time of sampling or measurements, 2) the individual(s) who performed the sampling or measurements, 3) the date(s) the analyses were performed, 4) the individual(s) who performed the analyses, 5) the analytical techniques or methods used, and 6) the results of such analyses.

C. REPORTING

1. Standard Reporting Requirements

a. The permittee shall submit all required monitoring results to the Department on the forms provided to them. The Monitoring Report Forms (MRFs) may be provided to the permittee in either a paper format or in an electronic file format. Unless otherwise noted, all requirements below pertain to both paper and electronic formats.

b. Any MRFs in paper format shall be submitted to the following addresses:

i. NJDEP
Division of Water Quality
Bureau of Permit Management
P.O. Box 029
Trenton, New Jersey 08625-0029

ii. Delaware River Basin Commission (DRBC)
P. O. Box 7360
West Trenton, New Jersey 08628

iii. (if requested by the Water Compliance and Enforcement Bureau)
NJDEP: Southern Bureau of Water Compliance and Enforcement
One Port Center
2 Riverside Drive, Suite 201
Camden, New Jersey 08103

c. Any electronic data submission shall be in accordance with the guidelines and provisions outlined in the Department's Electronic Data Interchange (EDI) agreement with the permittee. Paper copies must be available for on-site inspection by DEP personnel or provided to the DEP upon written request.

d. All monitoring report forms shall be certified by the highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility.

e. The highest ranking official may delegate responsibility to certify the monitoring report forms in his or her absence. Authorizations for other individuals to sign shall be made in accordance with N.J.A.C. 7:14A-4.9(b).

f. Monitoring results shall be submitted in accordance with the current Discharge Monitoring Report Manual and any updates thereof.

g. If monitoring for a parameter is not required in a monitoring period, the permittee must report "CODE=N" for that parameter.

h. If there are no discharge events during an entire monitoring period, the permittee must notify the Department when submitting the monitoring results. This is accomplished by placing a check mark in the "No Discharge this monitoring period" box on the paper or electronic version of the monitoring report submittal form.

D. SUBMITTALS

1. Standard Submittal Requirements

a. The permittee shall prepare/update the Operation and Maintenance (O&M) Manual including an emergency plan in accordance with requirements of N.J.A.C. 7:14A-6.12(c).

b. Submit a certification that an Operations and Maintenance (O&M) Manual has been prepared: within 90 days from the effective date of the permit (EDP).

c. The permittee shall amend the Operation & Maintenance Manual whenever there is a change in the treatment works design, construction, operations or maintenance which substantially changes the treatment works operations and maintenance procedures.

2. Compliance Schedule Progress Reports

a. In accordance with N.J.A.C. 7:14A-6.4(a), a schedule of compliance has been included for acute WET and chlorine produced oxidants, including interim deadlines for annual progress reports that outline the progress towards compliance with the conditions of the permit.

i. Submit a Compliance Schedule Progress Report: within 12 months from the effective date of the permit (EDP).

ii. Submit a Compliance Schedule Progress Report: within 24 months from the effective date of the permit (EDP).

b. The compliance schedule progress report(s) shall be submitted to the following Departmental entities:

i. NJDEP: Division of Water Quality
Bureau of Point Source Permitting Region 2
P.O. Box 029
Trenton, New Jersey 08625.

ii. NJDEP: Southern Bureau of Water Compliance and Enforcement
One Port Center
2 Riverside Drive, Suite 201
Camden, New Jersey 08103

3. Enterococci and Fecal Coliform Split Sample Report

a. The permittee shall submit to the Department both hardcopy and electronic version of the Enterococci and Fecal Coliform split sample data summary report including the dates the samples were taken along with the renewal application forms. The data submitted in the electronic version shall be provided in a spread sheet format (i.e. Microsoft Excel, Microsoft Access, etc.) and submitted on a 3.5" diskette or CD-Rom.

4. Dilution Studies

a. The permittee shall determine, the critical instream waste concentration (IWC) for the discharge from the facility into the receiving water utilizing applicable scientific methods, including, but not limited to, plume models, and may include field verification. The following USEPA plume models are readily available from NTIS and are acceptable for compliance with this item:
1. PLUME 5. LINE 8. MOBEM
2. OUTPLM 6. PDS 9. PSY
3. DKHDEN 7. PDSM 10. CORMIX 1, 2 and 3
4. MERGE
CORMIX 1, 2, and 3 are available from the Center for Exposure Assessment Modeling, USEPA Region IV, Athens, Georgia. The remaining models are available from NTIS. Use of other models may not be acceptable and would require prior approval from NJDEP.

b. Submit a Dilution Study Workplan: within 12 months from the effective date of the permit (EDP).

i. Prior to the submission of the work plan, the permittee may request in writing that the Department do the required dilution analysis. However, the permittee will be required to collect and submit the necessary information needed as inputs for the Department's analysis on or before the submission date of the work plan (i.e. EDP + 6 months). This information may be submitted to the Department in lieu of the required work plan. However, if this information is not submitted to the Department by the appropriate date, a complete work plan must be submitted on or before that date.

c. Submit the Dilution Study Final Report: within 18 months from the effective date of the permit (EDP).

E. FACILITY MANAGEMENT

1. Discharge Requirements

a. The permittee shall discharge at the location(s) specified in PART III of this permit.

b. The permittee shall not discharge foam or cause foaming of the receiving water that 1) forms objectionable deposits on the receiving water, 2) forms floating masses producing a nuisance, or 3) interferes with a designated use of the waterbody.

c. The permittee's discharge shall not produce objectionable color or odor in the receiving stream.

d. The discharge shall not exhibit a visible sheen.

e. When quantification levels (QL) and effluent limits are both specified for a given parameter in Part III, and the QL is less stringent than the effluent limit, effluent compliance will be determined by comparing the reported value against the QL.

f. When an average of three (3) consecutive rolling monthly average values of the committed flow (actual flow and approved allocated flow) reaches or exceeds 80% of 0.05 MGD (the permitted capacity of the facility), the permittee shall:.

i. Develop a Capacity Assurance Program (CAP) in accordance with N.J.A.C. 7:14A-22.16.

ii. For more information concerning the CAP, please contact the Bureau of Engineering and Construction Permitting South at (609) 984-6840.

iii. Contact the Division of Watershed Management to discuss whether an amendment to the Water Quality Management Plan (WQMP) or Wastewater Management Plan (WMP) will be necessary.

2. Delaware River Basin Commission (DRBC)

a. The permittee shall comply with the Delaware River Basin Commission (DRBC) "Water Quality Regulations." Compliance may be determined by the DRBC based on its own sampling events.

b. The Delaware River Basin Commission (DRBC) 20-day Carbonaceous Biochemical (first-stage) Oxygen Demand (CBOD 20) wasteload allocation of 5.9 pounds per day as a monthly average value, (equivalent to the monthly average BOD5 mass effluent limit, in Part III) shall not be exceeded. The CBOD 20 effluent value may be calculated by multiplying the measured effluent CBOD5 by a CBOD 20/BOD5 mass ratio of 1.4 developed for this discharge by DRBC.

3. Applicability of Discharge Limitations and Effective Dates

a. Surface Water Discharge Monitoring Report (DMR) Form Requirements

i. This permit includes multiple phases for DSN001.
The "1-Interim" limitations and monitoring conditions are effective from the effective date of the permit (EDP) until EDP + 3 years. Final limitation and monitoring conditions become effective on EDP + 3 years.

b. Wastewater Characterization Report (WCR) Form Requirements

i. The final effluent monitoring conditions contained in PART III for DSN001 apply for the full term of this permit action.

4. Operation, Maintenance and Emergency conditions

a. The permittee shall operate and maintain treatment works and facilities which are installed or used by the permittee to achieve compliance with the terms and conditions of this permit as specified in the Operation & Maintenance Manual.

b. The permittee shall develop emergency procedures to ensure effective operation of the treatment works under emergency conditions in accordance with N.J.A.C. 7:14A-6.12(d).

5. Toxicity Testing Requirements - Acute Whole Effluent Toxicity

a. The permittee shall conduct toxicity tests on its wastewater discharge in accordance with the provisions in this section. Such testing will determine if appropriately selected effluent concentrations adversely affect the test species.

b. Acute toxicity tests shall be conducted using the test species and method identified in Part III of this permit.

c. Any test that does not meet the specifications of N.J.A.C. 7:18, laboratory certification regulations, must be repeated within 30 days of the completion of the initial test. The repeat test shall not replace subsequent testing required in Part III.

d. The permittee shall collect and analyze the concentration of ammonia-N in the effluent on the day a sample is collected for WET testing. This result is to be reported on the Biomonitoring Report Form.

e. The permittee shall resubmit an Acute Methodology Questionnaire within 60 days of any change in laboratory.

f. Submit an acute whole effluent toxicity test report: within twenty-five days after the end of every 6 month monitoring period beginning from the effective date of the permit (EDP). The permittee shall submit toxicity test results on appropriate forms.

g. Test reports shall be submitted to:

i. New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Point Source Permitting Region 1
P.O. Box 029
Trenton, New Jersey 08625

6. Toxicity Testing Requirements - Chronic Whole Effluent Toxicity

a. The permittee shall conduct toxicity tests on its wastewater discharge in accordance with the provisions in this section. Such testing will determine if appropriately selected effluent concentrations adversely affect the test species.

b. Any test that does not meet the specifications contained in the Department's "Chronic Toxicity Testing Specifications for Use in the NJPDES Program" document must be repeated within 30 days of the completion of the initial test. The repeat test shall not replace subsequent testing required in Part III.

c. The permittee shall collect and analyze the concentration of ammonia-N in the effluent on the day a sample is collected for WET testing. This result is to be reported on the Biomonitoring Report Form.

d. Chronic toxicity testing shall initially consist of concurrent chronic toxicity tests, with split effluent samples, using the test species and methods identified in Part III of this permit.

e. The results for the most sensitive test species will be used to evaluate compliance with the WET limitation.

f. Testing with two species will be considered complete when four sets of acceptable concurrent tests using split samples on the two species, have been completed and the data has been deemed sufficient to designate the more sensitive species.

g. After completing four sets of concurrent toxicity tests on two species, the Department may modify the permit to reduce testing to the more sensitive test species.

h. IC25 - Inhibition Concentration - Concentration of effluent which has an inhibitory effect on 25% of the test organisms for the monitored effect, as compared to the control (expressed as percent effluent).

i. Test results shall be expressed as the IC25 for each test endpoint. Where a chronic toxicity testing endpoint yields IC25's from more than one test endpoint, the most sensitive endpoint will be used to evaluate effluent toxicity.

j. When reporting to the Delaware River Basin Commission (DRBC), sample results shall be expressed as No Observed Effect Concentration (NOEC).

k. Submit a Chronic Methodology Questionnaire: within 60 days from the effective date of the permit (EDP). The permittee shall resubmit after any change of laboratory occurs.

l. Submit a chronic whole effluent toxicity test report: within twenty-five days after the end of every quarterly monitoring period beginning from the effective date of the permit (EDP). The permittee shall submit toxicity test results on appropriate forms.

m. Test reports shall be submitted to:

i. New Jersey Department of Environmental Protection
Division of Water Quality
Bureau of Point Source Permitting Region 1
P.O. Box 029
Trenton, New Jersey 08625

ii. Dr. Thomas Fikslin
Delaware River Basin Commission (DRBC)
P. O. Box 7360
West Trenton, New Jersey 08628.

7. Toxicity Reduction Implementation Requirements (TRIR)

a. The permittee shall initiate a tiered toxicity investigation if two out of six consecutive WET tests demonstrate that the effluent does not comply or will not comply with the toxicity limit specified in Part III of this permit.

i. If the exceedence of the toxicity limit is directly caused by a documented facility upset, or other unusual event which has been identified and appropriately remedied by the permittee, the toxicity test data collected during the event may be eliminated when determining the need for initiating a TRIR upon written Department approval.

b. The permittee shall begin toxicity characterization within 30 days of the end of the monitoring period when the second toxicity test exceeds the toxicity limits in Part III. The monitoring frequency for toxicity testing shall be increased to semi-monthly (i.e. every two months). Up to 12 additional tests may be required.

i. The permittee may return to the toxicity testing frequency specified in Part III if four consecutive toxicity tests conducted during the Toxicity Characterization do not exceed the toxicity limit.

ii. If two out of any six consecutive, acceptable tests again exceed the toxicity limit in Part III, the permittee shall repeat the Toxicity Reduction Implementation Requirements.

c. The permittee shall initiate a preliminary toxicity identification (PTI) upon the fourth exceedence of the toxicity limit specified in Part III during the toxicity characterization.

i. The permittee may return to the monitoring frequency specified in PART III while conducting the PTI. If more frequent WET testing is performed during the PTI, the permittee shall submit all biomonitoring reports to the DEP and report the results for the most sensitive species on the DMR.

ii. As appropriate, the PTI shall include:
(1) treatment plant performance evaluation,
(2) pretreatment program information,
(3) evaluation of ammonia and chlorine produced oxidants levels and their effect on the toxicity of the discharge,
(4) evaluation of chemical use and processes at the facility, and
(5) an evaluation of incidental facility procedures such as floor washing, and chemical spill disposal which may contribute to effluent toxicity.

iii. If the permittee demonstrates that the cause of toxicity is the chlorine added for disinfection or the ammonia concentration in the effluent and the chlorine and/or ammonia concentrations are below the established water quality based effluent limitation for chlorine and/or ammonia, the permittee shall identify the procedures to be used in future toxicity tests to account for chlorine and/or ammonia toxicity in their preliminary toxicity identification report.

iv. The permittee shall submit a Preliminary Toxicity Identification Notification within 15 months of triggering TRIR. This notification shall include a determination that the permittee intends to demonstrate compliance OR plans to initiate a CTI.

d. The permittee must demonstrate compliance with the WET limitation in four consecutive WET tests to satisfy the requirements of the Toxicity Reduction Investigation Requirements. After successful completion, the permittee may return to the WET monitoring frequency specified in PART III.

e. The permittee shall initiate a Comprehensive Toxicity Investigation (CTI) if the PTI does not identify the cause of toxicity and a demonstration of consistent compliance with the toxicity limit in Part III can not be made.

i. The permittee shall develop a project study plan identifying the party or parties responsible for conducting the comprehensive evaluation, establish a schedule for completing the study, and a description of the technical approach to be utilized.

ii. If the permittee determines that the PTI has failed to demonstrate consistent compliance with the toxicity limit in Part III , a Comprehensive Toxicity Investigation Workplan must be prepared and submitted within 90 days.

iii. The permittee shall summarize the data collected and the actions taken in CTI Quarterly Reports. The reports shall be submitted within 30 calendar days after the end of each quarter.

iv. The permittee shall submit a Final CTI Report 90 calendar days after the last quarterly report. The final CTI report shall include the corrective actions identified to reduce toxicity and a schedule for implementing these corrective actions.

f. Upon receipt of written approval from the Department of the corrective action schedule, the permittee shall implement those corrective actions consistent with that schedule.

i. The permittee shall satisfy the requirements of the Toxicity Reduction Implementation Requirements and return to the original toxicity monitoring frequency after corrective actions are implemented and the permittee demonstrates consistent compliance with the toxicity limit in Part III in four consecutive toxicity tests.

ii. If the implemented corrective measures do not result in consistent compliance with the toxicity limit in Part III, the permittee shall submit a plan for resuming the CTI.

F. INDUSTRIAL PRETREATMENT PROGRAM REQUIREMENTS

1. Requirement to Identify and Locate Industrial Users

a. The Permittee shall identify all indirect users which meet the significant indirect user definition in N.J.A.C. 7:14A-1.2 or have reasonable potential to:

i. interfere with attainment of the effluent limitations contained in the permittee's NJPDES permit

ii. pass through the treatment works and impair the water quality of the receiving stream; or

iii. affect sludge quality so as to interfere with the use or management of the municipal sludge

2. Notification Requirements

a. The permittee shall provide adequate notice to the NJDEP, Division of Water Quality, Bureau of Pretreatment and Residuals, of the name, address, telephone number and facility contact of all:

i. new SIUs at the time the proposed user applies to the permittee for connection to the permittee's system,

ii. any substantial change or proposed change in the volume or character of pollutants being introduced into the POTW by existing SIUs, or

iii. any substantial change or proposed change in the volume or character of pollutants being introduced into the POTW by a user that causes the user to become an SIU.

b. For purposes of this subsection, adequate notice shall include information on the quality and quantity of effluent introduced into the POTW and any anticipated impact of such change on the quantity or quality of effluent to be discharged from the POTW.

3. Requirement to Develop Local Limits

a. The permittee shall perform a headworks analysis in order to develop local limits or demonstrate that local limits are not necessary. The headworks analysis and, if necessary, development of local limits shall:

i. be conducted in accordance with the Guidance Manual on the Development and Implementation of Local Discharge Limitations under the Pretreatment Program (December 1987, USEPA Office of Water Enforcement), including all supplements and amendments thereto, including: identifying the sources and pollutants which should be limited in order to address environmental protection criteria of paragraph ii.; characterizing industrial discharges; reviewing applicable environmental protection criteria and pollutant effects data; monitoring of IU discharges, POTW collection system and treatment plant; and calculating local limits for the identified pollutants of concern;

ii. ensure compliance with the following minimum environmental protection criteria: the numerical effluent limitations in the Part III; The local agency's process inhibition and upset criteria; the local agency's worker health and safety protection criteria; the sludge quality criteria for a chosen method(s) of sludge management; and the limitations in the local agency's Air Pollution Control permit, where applicable.

b. The permittee shall conduct a Local Limits Evaluation: within 18 months from the effective date of this document.

4. Submittal Requirements

a. Submit the Local Ordinance: within 60 days from the effective date of the permit (EDP).

b. The permittee shall submit updates to its Local Sewer Use Ordinance within 30 days of modification.

c. The permittee shall prepare a Pretreatment Program Report which consists of a listing of all indirect users which meet the significant indirect user definition in N.J.A.C. 7:14A-1.2. The report shall include the name, address, and type of business for each facility.

d. Submit the Annual Pretreatment Program Report: by November 1 of each year beginning from the effective date of the permit (EDP).

e. The reports shall be submitted to: NJDEP, Bureau of Pretreatment and Residuals, 401 East State Street, P. O. Box 029, Trenton, NJ. 08625-0029

G. CONDITIONS FOR MODIFICATION

1. Notification requirements

a. The permittee may request a minor modification for a reduction in monitoring frequency for a non-limited parameter when four consecutive test results of "not detected" have occurred using the specified QL.

2. Causes for modification

a. The Department may modify or revoke and reissue any permit to incorporate 1) any applicable effluent standard or any effluent limitation, including any effluent standards or effluent limitations to control the discharge of toxic pollutants or pollutant parameters such as acute or chronic whole effluent toxicity and chemical specific toxic parameters, 2) toxicity reduction requirements, or 3) the implementation of a TMDL or watershed management plan adopted in accordance with N.J.A.C. 7:15-7.

b. The permittee may request a minor modification to eliminate the monitoring requirements associated with a discharge authorized by this permit when the discharge ceases due to changes at the facility.

H. Custom Requirement

1. Introduction to RWBR Requirements

a. The following sections contain the conditions for the permittee to beneficially reuse treated effluent or Reclaimed Water for Beneficial Reuse (RWBR), provided the effluent is in compliance with the criteria specified for the particular use specified below.

b. There are two levels of RWBR uses. Public Access and Restricted Access.

2. INACTIVE RWBR Requirements

a. The following RWBR requirements sections (3 through 8) are included in this permit for illustrative purposes only. These sections are considered inactive and not effective until such time as the Department activates these requirements by minor modification.

3. RWBR Requirements for Public Access

a. The only Public Access reuse types authorized by this permit are those included in Appendix B. Other Public Access reuse types may only be added by minor modification of this permit.

b. The hydraulic loading rate for land application of RWBR shall not exceed 2 inches per week.

c. Any water diverted for RWBR shall be monitored and comply with the high level treatment requirements listed below and the operational requirements in the approved Operations Protocol. If any of these requirements are not achieved, the effluent shall not be diverted for RWBR.

d. Total Suspended Solids (TSS): Instantaneous maximum of 5.0 mg/L prior to disinfection.

e. Nitrogen, Total (NO3 + NH3): Daily maximum of 10.0 mg/L. This requirement only applies when RWBR is land applied.

f. Fecal Coliform: 7-day median maximum of 2.2 colonies per 100 mL and an instantaneous maximum of 14 colonies per 100 mL.

g. Chlorine Produced Oxidants (CPO): Instantaneous minimum of 1.0 mg/L after fifteen minutes contact time at peak hourly flow.

h. Monitoring of the diverted public access RWBR shall be conducted in the following manner:.

i. Sampling for TSS shall be immediately prior to disinfection. Monitoring for TSS shall be a grab sample once per week.

ii. Sampling for Turbidity in systems shall be sampled immediately prior to disinfection. The permittee shall establish a correlation between Turbidity and TSS in their effluent as detailed in the Reuse Technical Manual. A statistically significant correlation between Turbidity and TSS shall be established prior to commencement of the RWBR program and shall be incorporated into the Operations Protocol/ Standard Operations Procedure and updated annually. The initial correlation should be done as part of a daily monitoring program for at least 30 days. To ensure continuous compliance with the 5.0 mg/L TSS level, Turbidity must be monitored continuously and achieve the level established in the Operations Protocol/ Standard Operations Procedure.

iii. Monitoring for CPO or UV shall be continuous and shall be monitored after the appropriate contact time is achieved.

iv. Monitoring for Fecal Coliform shall be a grab sample, taken in accordance with Part III, at least a minimum of once per week taken immediately after disinfection. Fecal coliform shall be monitored immediately after disinfection.

v. Monitoring for Total Nitrogen (NO3 + NH3) shall be a composite sample, taken in accordance with Part III, at least once per week taken prior to RWBR diversion. Total Nitrogen (NO3 + NH3) shall be monitored after the appropriate disinfection treatment is achieved.

i. All monitoring results of the RWBR shall be reported each month on Wastewater Characterization Reports (WCR). Unless noted otherwise, the highest of all measured values for diverted RWBR shall be reported.

j. If chlorine is used for disinfection, the lowest sampling result obtained during the reporting month shall be reported for CPO.

4. RWBR Requirements for Restricted Access--Land Application and Non Edible Crops

a. The only Restricted Access--Land Application and Non Edible Crops reuse types authorized by this permit are those included in Appendix B. Other Restricted Access--Land Application and Non Edible Crops reuse types may only be added by minor modification of this permit.

b. The hydraulic loading rate for land application of RWBR shall not exceed 2 inches per week.

c. Nitrogen, Total (NO3 + NH3): Daily maximum of 10 mg/L. Frequency of sampling for Total Nitrogen shall be in accordance with Part III of this permit or at a minimum monthly. The sample shall be collected as a composite sample taken prior to diversion for RWBR. Nitrogen, Total (NO3 + NH3) shall be monitored after the appropriate disinfection treatment time is achieved.

d. Fecal Coliform: 200 colonies per 100 ml monthly average Geometric Mean, 400 colonies per 100 ml maximum in any one sample. Frequency of sampling for Fecal Coliform shall be in accordance with Part III of this permit or at a minimum weekly. The sample shall be collected as a grab sample taken immediately after disinfection.

e. Chlorine Produced Oxidants (CPO): Instantaneous minimum of 1.0 mg/L after fifteen minutes contact time at peak hourly flow. Frequency of sampling for CPO shall be in accordance with Part III of this permit or at a minimum weekly. The sample shall be collected as a grab sample taken immediately after disinfection. The value reported for CPO shall be the minimum sampling result obtained during the reporting month for diverted RWBR. Chlorine Produced Oxidants (CPO) shall be monitored after the appropriate contact time is achieved.

f. All monitoring results of the RWBR shall be reported each month on Wastewater Characterization Reports (WCR). Unless noted otherwise, the highest of all measured values for diverted RWBR shall be reported.

5. RWBR Requirements for Restricted Access--Construction and Maintenance Operations

a. The only Restricted Access--Construction and Maintenance Operations reuse types authorized by this permit are those included in Appendix B. Other Restricted Access--Construction and Maintenance Operations reuse types may only be added by minor modification of this permit.

b. Fecal Coliform: 200 colonies per 100 ml monthly average Geometric Mean, 400 colonies per 100 ml maximum in any one sample. Frequency of sampling for Fecal Coliform shall be in accordance with Part III of this permit or at a minimum weekly. Fecal coliform shall be monitored immediately after disinfection. This requirement does not apply to sanitary sewer jetting.

6. RWBR Requirements for Restricted Access--Industrial Systems

a. The only Restricted Access--Industrial Systems reuse types authorized by this permit are those included in Appendix B. Other Restricted Access--Industrial Systems reuse types may only be added by minor modification of this permit.

7. RWBR Submittal Requirements

a. For Public Access RWBR, the permittee shall submit and receive approval of an Operations Protocol or modify the existing Operations Protocol as detailed in the most recent version of the Department's "Technical Manual for Reclaimed Water for Beneficial Reuse" (Reuse Technical Manual) prior to the commencement of this/these type/s of RWBR activity. A copy of the approved Operations Protocol shall be maintained onsite. Specific requirements for the Operations Protocol are identified in the Reuse Technical Manual.

b. For all types of Restricted Access RWBR, the permittee shall submit and receive approval of a Standard Operations Procedure or modify an existing Standard Operations Procedure as detailed in the most recent version of the Department's "Technical Manual for Reclaimed Water for Beneficial Reuse" (Reuse Technical Manual) prior to the commencement of this/these type/s of RWBR activity. A copy of the approved Standard Operations Procedure shall be maintained onsite. Specific requirements for the Standard Operations Procedure are identified in the Reuse Technical Manual.

c. The permittee shall submit a copy of the Reuse Supplier and User Agreement with each request for authorization to distribute RWBR in which the user is a different entity than the supplier. Specific requirements for the Reuse Supplier and User Agreement are identified in the Reuse Technical Manual.

d. For Public Access RWBR on Edible Crops, the permittee shall submit an annual inventory of edible crop irrigation with the Beneficial Reuse Annual Report. Specific requirements for the annual inventory are identified in the Reuse Technical Manual.

e. Submit a Beneficial Reuse Annual Report: by February 1 of each year beginning from the effective date of the permit (EDP). The permittee shall compile the total volume of RWBR distributed to each type of authorized RWBR activity for the previous calendar year. Specific requirements for the Annual Reuse Report are identified in the Reuse Technical Manual.

f. The permittee shall submit and receive approval of an Engineering Report in support of RWBR authorization requests for new or expanded RWBR projects as detailed in the most recent version of the Department's "Technical Manual for Reclaimed Water for Beneficial Reuse" (Reuse Technical Manual) prior to the commencement of this/these type/s of RWBR activity. A copy of the approved Engineering Report shall be maintained onsite. Specific requirements for the Engineering Report are identified in the Reuse Technical Manual.

g. All submittals shall be mailed or delivered to: New Jersey Department of Environmental Protection, Division of Water Quality, Bureau of Point Source Permitting Region 2 , P.O. Box 029, Trenton, New Jersey 08625.

8. **RWBR Operational Requirements**

a. Effluent that does not meet the requirements for RWBR established in Part III, Part IV and the operational requirements specified in the facility's approved Operations Protocol/ Standard Operations Procedure, shall not be diverted for RWBR.

b. The land application of RWBR shall not produce surface runoff or ponding.

c. All setback distances shall be consistent with the distances outlined in the Reuse Technical Manual.

d. Land application sites shall not be frozen or saturated when applying RWBR.

e. A daily log noting the volume of RWBR distributed to each approved application site shall be maintained on-site by the permittee and made available to the Department upon request. The volume of RWBR to be distributed shall be determined through the use of a totalizing flow meter.

f. Any vehicle used to transport and/or distribute RWBR shall be appropriately marked. The vehicle shall not be used to transport water or other fluid that does not meet all limitations and requirements as specified in this permit for water diverted for RWBR, unless the tank has been emptied and adequately cleaned prior to the addition of the RWBR.

g. The permittee shall post Access Control and Advisory Signs in accordance with the requirements of the Reuse Technical Manual.

h. There shall be no cross-connections to potable water systems.

i. All RWBR piping, pipelines, valves, and outlets shall be appropriately color coded, tagged or labeled to warn the public and employees that the water is not intended for drinking. Worker contact with RWBR shall be minimized.

j. The issuance of this permit for the use of RWBR shall not be considered as a waiver of any applicable federal, state or local rule, regulation or ordinance.

APPENDIX A:

CHRONIC TOXICITY TESTING SPECIFICATIONS

FOR USE IN THE NJPDES PERMIT PROGRAM

Version 2.1

May 1997

TABLE OF CONTENTS

Notice: Mention of trade names or commercial products do not constitute endorsement or recommendation for use.

I. AUTHORITY AND PURPOSE

These methods specifications for the conduct of whole effluent chronic toxicity testing are established under the authority of the NJPDES permitting program, N.J.A.C. 7:14A-6.5(a)2 and 40 CFR 136, for discharges to waters of the State. The methods referenced herein are included by reference in 40 CFR 136, Table 1.A. and, therefore, constitute approved methods for chronic toxicity testing. The information contained herein serves to clarify testing requirements not sufficiently clarified in those methods documents and also serves to outline and implement the interlaboratory Standard Reference Toxicant Program until a formal laboratory certification program is established under N.J.A.C. 7:18. As such these methods are intended to be used to determine compliance with discharge permits issued under the authority of the NJPDES permit program. Tests are to be conducted in accordance with the general conditions and test organism specific method specifications contained in this document. All other conditions and specifications can be found in 40 CFR 136 and USEPA methodologies.

Until a subchapter on chronic toxicity testing within the regulations governing the certification of laboratories and environmental measurements (N.J.A.C. 7:18) becomes effective, tests shall be conducted in conformance with the methodologies as designated herein and contained in 40 CFR 136. The laboratory performing the testing shall be within the existing acute toxicity testing laboratory certification program established under N.J.A.C. 7:18, as required by N.J.A.C. 7:9B-1.5(c)5.

Testing shall be in conformance with the subchapter on chronic toxicity testing within the N.J.A.C. 7:18 when such regulations become effective. The laboratory performing the toxicity testing shall be within the chronic toxicity testing laboratory certification program to be established under that subchapter, when it becomes effective.

These methods are incorporated into discharge permits as enforceable permit conditions. Each discharge permit will specify in Part IV of the permit, the test species specific methods from this document that will be required under the terms of the discharge permit. Although the test species specific methods for each permit are determined on a case-by-case basis, the purpose of this methods document is to assure consistency among dischargers and to provide certified laboratories with information on the universe of tests to be utilized so that they can make the necessary preparations, including completing the required Standard Reference Toxicant testing. Please note that these methodologies are required for compliance testing only. Facilities and/or laboratories conducting testing under the requirements of a Toxicity Identification Evaluation or for informational purposes are not bound by these methods.

This document constitutes the second version of the NJDEP's interim chronic methodologies. This version contains no significant changes to the test methods themselves. However, in keeping with the Department's continued emphasis on good laboratory practices and quality control, the areas addressing the Standard Reference Toxicant Program, data analysis and data reporting, have been significantly revised.

II. GENERAL CONDITIONS

A. LABORATORY SAFETY, GLASSWARE, ETC.

All safety procedures, glassware cleaning procedures, etc., shall be in conformance with 40 CFR 136 and USEPA's "Short Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms," "Short Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms" and N.J.A.C. 7:18.

B. TEST CONCENTRATIONS / REPLICATES

All testing is to be performed with a minimum of five effluent concentrations plus a dilution water control. A second reference water control is optional when a dilution water other than culture water is used. The use of both a 0.5 or 0.75 dilution factor is acceptable for the selection of test concentrations. If hypothesis testing will be used to determine the test endpoint, one effluent concentration shall be the chronic permit limitation, unless the existing data for the discharge indicate that the NOEC is expected to be significantly less than the permit limit. The use of the 0.5 dilution factor may require more than five dilutions to cover the entire range of effluent concentrations as well as the chronic permit limit, since the permit limit will often not be one of the nominal concentrations in a 0.5 dilution series. In such an instance, the 0.5 dilution series may be altered by including an additional test concentration equal to the permit limit in the dilution series, or by changing the concentration closest to the permit toxicity limit to be equal to that limit. The Department recommends the use of the 0.75 dilution factor using Table 1.0 to determine test concentrations. That table establishes test concentrations based on the chronic toxicity limitation.

For either the 0.5 or 0.75 dilution factor, there shall be at least one test concentration above the permit limitation and at least three test concentrations below the permit limit along with the dilution water control unless the permit limitation prohibits such (e.g., limitations greater than 75% effluent). An effort shall be made to bracket the anticipated test result.

To use Table 1.0, locate the permit limit in column 4. The dilution series becomes the row that corresponds to the permit limit in column 4. For example, a permit limit of 41 would require a dilution series of the dilution water control, 17%, 23%, 31%, 41% and 55% effluent.

The number of replicates used in the test must, at a minimum, satisfy the specifications of the applicable methods contained herein. Increased data sensitivity can be obtained by increasing the number of replicates equally among test concentrations and thus an increased number of replicates is acceptable. Further, the use of nonparametric statistical analysis requires a minimum of four replicates per test concentration. If the data for any particular test is not conducive to parametric analyses and if less than four replicates were included, the test may not be considered acceptable for compliance purposes.

The use of single concentration tests consisting of the permit limitation as a concentration and a control is not permitted for compliance purposes, but may be used by a permittee in the conduct of a Toxicity Investigation Evaluation (TIE) or for information gathering purposes. Such a test would be considered a "pass" if there was no significant difference in test results, using hypothesis testing methods.

Table 1.0: 0.75 DILUTION SERIES INDEXED BY PERMIT LIMIT

				Permit Limit						Permit Limit	
Col #	1	2	3	4	5	Col #	1	2	3	4	5
	0.4	0.6	0.8	1	1.3		22	29	38	51	68
	0.8	1.1	1.5	2	2.7		22	29	39	52	69
	1.3	1.7	2.3	3	4		22	30	40	53	71
	1.7	2.3	3	4	5.3		23	30	41	54	72
	2.1	2.8	3.8	5	6.7		23	31	41	55	73
	2.5	3.4	4.5	6	8		24	32	42	56	75
	3	4	5	7	9		24	32	43	57	76
	3	5	6	8	11		24	33	44	58	77
	4	5	7	9	12		25	33	44	59	79
	4	6	8	10	13		25	34	45	60	80
	5	6	8	11	15		26	34	46	61	81
	5	7	9	12	16		26	35	47	62	83
	5	7	10	13	17		27	35	47	63	84
	6	8	11	14	19		27	36	48	64	85
	6	8	11	15	20		27	37	49	65	87
	7	9	12	16	21		28	37	50	66	88
	7	10	13	17	23		28	38	50	67	89
	8	10	14	18	24		29	38	51	68	91
	8	11	14	19	25		29	39	52	69	92
	8	11	15	20	27		30	39	53	70	93
	9	12	16	21	28		30	40	53	71	95
	9	12	17	22	29		30	41	54	72	96
	10	13	17	23	31		31	41	55	73	97
	10	14	18	24	32		31	42	56	74	99
	11	14	19	25	33		32	42	56	75	100
	11	15	20	26	35	24	32	43	57	76	
	11	15	20	27	36	24	32	43	58	77	
	12	16	21	28	37	25	33	44	59	78	
	12	16	22	29	39	25	33	44	59	79	
	13	17	23	30	40	25	34	45	60	80	
	13	17	23	31	41	26	34	46	61	81	
	14	18	24	32	43	26	35	46	62	82	
	14	19	25	33	44	26	35	47	62	83	
	14	19	26	34	45	27	35	47	63	84	
	15	20	26	35	47	27	36	48	64	85	
	15	20	27	36	48	27	36	48	65	86	
	16	21	28	37	49	28	37	49	65	87	
	16	21	29	38	51	28	37	50	66	88	
	16	22	29	39	52	28	38	50	67	89	
	17	23	30	40	53	28	38	51	68	90	
	17	23	31	41	55	29	38	51	68	91	
	18	24	32	42	56	29	39	52	69	92	
	18	24	32	43	57	29	39	52	70	93	
	19	25	33	44	59	30	40	53	71	94	
	19	25	34	45	60	30	40	53	71	95	
	19	26	35	46	61	30	41	54	72	96	
	20	26	35	47	63	31	41	55	73	97	
	20	27	36	48	64	31	41	55	74	98	
	21	28	37	49	65	31	42	56	74	99	
	21	28	38	50	67	32	42	56	75	100	

* Select the dilution series by finding the row which contains the permit limit in column #4.
NOTE: All values are in units of "% effluent" not toxic units.

C. DILUTION WATER

1. Marine and Estuarine Waters

A high quality natural water, such as the Manasquan River Inlet is strongly recommended as the dilution water source for chronic toxicity testing with marine and estuarine organisms. The use of the receiving water as the dilution water source is not required. Saline waters prepared with hypersaline brine and deionized water may also be used as dilution water. Hypersaline brines shall be prepared from a high quality natural seawater and shall not exceed a concentration of 100 ppt. The type of a dilution water for a permittee may not be changed without the prior approval of the Department.

The standard test salinity shall be 25 ppt, except for *Champia parvula,* which shall be tested at 30 ppt. Since most effluents are freshwater based, in most cases it will be necessary to adjust the salinity of the test concentrations to the standard test salinity.

2. Fresh Waters

A high quality natural water, such as Round Valley Reservoir (if access is allowed) or Lake Hopatcong, is strongly recommended as the dilution water source for chronic toxicity testing with freshwater organisms. It is not required to perform the toxicity testing with the receiving water as dilution water. Tests performed with a reconstituted water or up to 20% Diluted Mineral Water (DMW) as dilution water is acceptable. For testing with *Ceriodaphnia dubia*, the addition of 5 µg/l selenium (2 µg/l selenium with natural water) and 1 µg/l vitamin B12 is recommended (Keating and Dagbusan, 1984: Keating, 1985 and 1988). The source of a dilution water for a permittee may not be changed without the prior approval of the Department. Reconstituted water and DMW should be prepared with Millipore Super Q^R or equivalent, meet the requirements of N.J.A.C. 7:18-6 and should be aerated a minimum of 24 hrs prior to use, but not supersaturated.

D. EFFLUENT SAMPLE COLLECTION

Effluent samples shall be representative of the discharge being regulated. For each discharge serial number (DSN), the effluent sampling location shall be the same as that specified in the NJPDES permit for other sampling parameters unless an alternate sampling point is specified in the NJPDES discharge permit. For industrial dischargers with a combined process/sanitary waste stream, effluent sampling shall be after chlorination, unless otherwise designated in the permit.

For continuous discharges, effluent sampling shall consist of 24 hour composite samples consisting either of equal volumes taken once every hour or of a flow-proportionate composite sample, unless otherwise approved by the Department. At a minimum, three samples shall be collected as specified above, one every other day. The first sample shall be used for test initiation and the first renewal. The second sample for the next two renewals. The third sample shall be used for the final three renewals. For the *Champia* and *Selenastrum* tests, a single sample shall be collected not more than 24 hours prior to test initiation. No effluent sample shall be over 72 hours old at the time of its use to initiate or renew solutions in a test. It is acceptable to collect samples more frequently for chronic WET testing and if samples are collected daily for acute toxicity testing conducted concurrently, available samples may be used to renew the test solutions as appropriate.

For all other types of discharges, effluent sampling shall be conducted according to specifications contained within the discharge permit, methodology questionnaire or as otherwise specified by the Department. The use of grab samples or other special sampling procedures will be based on time of occurrence and duration of intermittent discharge events.

If a municipal discharger has concerns that the concentrations of ammonia and/or chlorine in an effluent are adequate to cause violations of the permit limit for chronic toxicity testing, the permittee should conduct analyses, as specified in USEPA's toxicity investigation methods documents, to illustrate the relationship between chronic effluent toxicity and chlorine and/or ammonia as applicable. This data may then be submitted to

the Department as justification for a request to use modified test procedures, which account for ammonia and/or chlorine toxicity, in future chronic toxicity tests. The Department may, where adequate justification exists, permit the adjustment of these pollutants in the effluent sample if discharge limits for these pollutants are contained in the NJPDES permit and those permit limitations are adequate for the protection of water quality. Any proposed modified test procedures to adjust effluent chlorine and/or ammonia shall be approved by the Department prior to use of those test procedures for any compliance testing.

Except for filtration through a 2 mm or larger screen or an adjustment to the standard test salinity, no other adjustments to the effluent sample shall be made without prior written approval by the Department. Aeration of samples prior to test start shall be minimized where possible and samples shall not be aerated where adequate saturation exists to maintain dissolved oxygen.

E. PHYSICAL CHEMICAL MEASUREMENTS

At a minimum, the physical chemical measurements shall be as follows:

- pH and dissolved oxygen shall be measured at the beginning and end of each 24 hour exposure period, in at least one chamber, of the high, medium and low test concentrations and the control. In order to ensure that measurements for these parameters are representative of the test concentrations during the test, measurements for these parameters should be taken in an additional replicate chamber for such concentrations which contains no test organisms, but is subject to the same test conditions.

- Temperature shall either be monitored continuously, measured daily in at least two locations in the environmental control system, or measured at the beginning of each 24 hr exposure period in at least one replicate for each treatment.

- Salinity shall be measured in all salt water tests at the beginning of each 24 hour exposure period, in at least one replicate for each treatment.

- For all freshwater tests, alkalinity, hardness and conductivity shall be measured in each new sample (100% effluent) and control.

- Nitrite, nitrate and ammonia shall be measured in the control before each renewal in the mysid test only.

- For samples of discharges where concentrations of ammonia and/or chlorine are known or are suspected to be sufficient to cause toxicity, it is recommended that the concentrations of these pollutants be determined and submitted with the standardized report form. The laboratory is advised to consult with the permittee to determine if these parameters should be measured in the effluent. Where such measurements are deemed appropriate, measurements shall be conducted at the beginning of each 24 hour exposure period. Also, since a rise in the test pH can affect the toxicity of ammonia in the effluent, analysis of ammonia during the test may be appropriate if a rise in pH is accompanied by a significant increase in mortality.

F. STATISTICS

The use of both hypothesis testing techniques and point estimate techniques are currently in use by the Department or by permittees for compliance purposes. The NJPDES permit should be checked to determine which type of analysis is required and appropriate for each specific facility. It is not acceptable to simply evaluate any data by "visual data review" unless in the analysis of survival data, no mortality occurred in the test. All data sets must be appropriately statistically evaluated.

For hypothesis testing techniques, statistical analysis shall follow the protocols in USEPA (1988, 1989) to evaluate adverse effects. A significance level of 0.05 shall be utilized to evaluate such effects. Use of a protocol not contained in these documents must be accompanied by a reference and explanation addressing its

applicability to the particular data set. Please note the following when evaluating data using hypothesis testing techniques.

Special attention should be given to the omission and inclusion of a given replicate in the analysis of mysid fecundity data (USEPA 1994, p. 275) and *Ceriodaphnia* reproduction data (USEPA 1994, page 174).

Determination of acceptability criteria and average individual dry weight for the growth endpoints must follow the specifications in the applicable documents (e.g., p.84 for saltwater methods document.)

Use of nonparametric statistical analyses requires a minimum of four replicates per test concentration. If the data for any particular test are not conducive to parametric analyses and if less than four replicates were included, the test may not be acceptable to the Department.

Where hypothesis testing is used for compliance purposes, if the results of hypothesis testing indicate that a deviation from the dose response occurs such that two test concentrations are deemed statistically significant from the control but an intermediate test concentration is not, the test is deemed unacceptable and cannot be used for compliance testing purposes.

For point estimate techniques, statistical analysis should follow the protocol contained in "A Linear Interpolation Method for Sublethal Toxicity: The Inhibition Concentration (ICp) Approach (Version 2.0), July 1993, National Effluent Toxicity Assessment Center Technical Report 03-93." Copies of the program can be obtained by contacting the Department. The linear interpolation estimate ICp values and not the bootstrap mean ICp, shall be reported for permit compliance purposes. The ICp value reported on the Discharge Monitoring Report shall be rounded off as specified in the Department's "Discharge Monitoring Report (DMR) Instruction Manual, December 1993." IC25 values shall be reported under the parameter code listed as "NOEC" on the DMR, until the DMR's are adjusted accordingly.

If the result reported by the ICp method is greater than the highest concentration tested, the test result is reported as "greater than C" where "C" is the highest tested concentration. If the ICp is lower than the lowest concentration tested, the test result is reported as "less than C" where "C" is the lowest tested concentration.

If separate NOEC's/IC25's can be calculated from multiple test endpoints, for example a reproductive endpoint and a growth endpoint, the lowest NOEC/IC25 value expressed in units of "% effluent" will be used to determine permit compliance and should, therefore, be reported as the NOEC/IC25 value for the test. If the NOEC value for growth and/or reproduction is not lower than that for survival, the NOEC/IC25 value reported for the test shall be as survival. For saltwater tests, where additional controls are used in a test (i.e. brine and/or artificial sea salt control), a T-test shall be used to determine if there is a significant difference between the original test control and the additional controls. If there is a significant difference between any of the controls, the test may be deemed unacceptable and if so, will not be used for permit compliance.

III. TEST ACCEPTABILITY CRITERIA

Any test that does not meet these acceptability criteria will not be used by the Department for any purpose and must be repeated as soon as practicable, with a freshly collected sample.

1. Tests must be performed by a laboratory approved for the conduct of chronic toxicity tests and certified for acute toxicity testing under N.J.A.C. 7:18.

2. Test results may be rejected due to inappropriate sampling, including the use of less than three effluent samples in a test and/or use of procedures not specified in a permit or methodology questionnaire, use of frozen or unrefrigerated samples or unapproved pretreatment of an effluent sample.

3. Controls shall meet the applicable performance criteria specified in the Table 2.0 and in the individual method specifications contained herein.

4. Acceptable and applicable Standard Reference Toxicant Data must be available for the test.

5. No unapproved deviations from the applicable test methodology may be present.

6. When using hypothesis testing techniques, a deviation from the dose response as explained in the statistical portion of this document shall not be present in the data.

Table 2.0: CONTROL PERFORMANCE

TEST ORGANISM	MINIMUM SURVIVAL	MINIMUM WEIGHT GAIN	MINIMUM FECUNDITY/ REPRODUCTION
Pimephales promelas	80%	0.25 mg avg	N/A
Ceriodaphnia dubia	80%	N/A	Average of ≥15 young per surviving female
Selenastrum capricornutum	Density ≥$2x10^5$cells/ml	N/A	Variability in controls not to exceed 20%.
Cyprinodon variegatus	80%	0.60 mg (unpreserved) avg 0.50 mg (preserved) avg	N/A
Menidia beryllina	80%	0.50 mg (unpreserved) avg 0.43 mg (preserved) avg	N/A
Mysidopsis bahia	80%	0.2 mg per mysid avg	egg production by 50% of control females if fecundity is used as an endpoint.
Champia parvula	100%	N/A	≥10 cystocarps per plant Plants in controls and lower test concentrations shall not fragment so that individual plants cannot be identified.

THE DETERMINATION OF A TEST AS UNACCEPTABLE DOES NOT RELIEVE THE FACILITY FROM MONITORING FOR THAT MONITORING PERIOD

IV. STANDARD REFERENCE TOXICANT TESTING

All chronic testing shall be accompanied by testing with a Standard Reference Toxicant (SRT) as a part of each laboratory's internal quality control program. Such a testing program should be consistent with the quality assurance/quality control protocols described in the USEPA chronic testing manuals. Laboratories may utilize the reference toxicant of their choice and toxicants such as cadmium chloride, potassium chloride, sodium dodecyl sulfate and copper sulfate are all acceptable. However, Potassium chloride has been chosen by several laboratories and is recommended by the Department. The concentration of the reference toxicant shall be verified by chemical analysis in the low and high test concentrations once each year or every 12 tests, whichever is less. It is not necessary to run SRT tests, for all species using the same SRT.

A. INITIAL STANDARD REFERENCE TOXICANT (SRT) TESTING REQUIREMENTS

At a minimum, this testing shall include an initial series of at least five SRT tests for each test species method. Acceptable SRT testing for chronic toxicity shall be performed utilizing the short term chronic toxicity test methods as specified herein. Reference toxicant tests utilizing acute toxicity testing methods, or any method other than those contained in this document are not acceptable. The laboratory should forward results of the initial SRT testing, including control charts, the name of the reference toxicant utilized, the supplier and appropriate chemical analysis of the toxicant to either address listed in the reporting requirements section herein. The initial series of a least five SRT tests for a specific test species method shall be completed and approved in writing by the Department prior to the conduct of any chronic toxicity testing for compliance purposes.

B. SUBSEQUENT SRT TESTING REQUIREMENTS

After receiving the initial approval from the Department to conduct chronic toxicity tests for compliance purposes, subsequent SRT testing shall be conducted as follows:

1. Where organisms used in testing are cultured at the testing laboratory, SRT testing should be conducted once per month for each species/method.

2. Where the laboratory purchases organisms from a laboratory certified in New Jersey for the conduct of acute toxicity testing and approved for the conduct of chronic toxicity testing for the test organism in question (i.e. the "supplier laboratory"), SRT data provided by the "supplier laboratory" for each lot of organisms purchased is acceptable as long as the SRT test result falls within the control limits of the control chart established by the "supplier laboratory" for that organism. The laboratory using purchased organisms is responsible for the results of any compliance tests they perform.

3. A testing laboratory purchasing organisms from a supplier laboratory must still perform SRT testing on a quarterly basis at a minimum, for each species they test with, in order to adequately document their own interlaboratory precision.

4. If a testing laboratory purchasing organisms elects not to use the SRT data from a "supplier laboratory" or such data is unavailable or where organisms are purchased from another organism supplier, the testing laboratory must conduct SRT testing on each lot of organisms purchased.

5. For industrial laboratories certified under N.J.A.C. 7:18 to conduct acute toxicity tests, only the SRT testing conditions specified in 2. through 4. above apply. Where that laboratory/facility cultures their own test organisms, the frequency of SRT testing required will be determined on a case by case basis, based on the frequency of testing for that facility.

NOTE: Based on these requirements, SRT data are considered applicable to a compliance test when the SRT test results are acceptable and the SRT test is conducted within 30 days of the compliance test, for the test species and SRT in question. Therefore, it is not necessary for an approved laboratory to run an SRT test every month if the laboratory is not conducting compliance tests for a particular species.

C. CHANGING OF AN ESTABLISHED REFERENCE TOXICANT

The SRT used for any species by a laboratory may be changed at any time provided that the following conditions have been satisfied:

1. A series of at least three reference toxicant tests are conducted with the new reference toxicant and the results of those tests are identified as satisfactory, in writing, by the Department.

2. Laboratories must continue using the already approved SRT in their ongoing QA/QC program, until such time as the letter referenced above, is received by the laboratory.

D. CONTROL CHARTS

Control charts shall be established from SRT test results in accordance with the procedures outlined in the USEPA methods documents. Control charts shall be constructed using IC25's using the following methods:

1. The upper and lower control limits shall be calculated by determining +/- two standard deviations above and below the mean.

2. SRT test results which exhibit an IC25 that is greater than the highest concentration tested or less than the lowest concentration tested (i.e. a definitive endpoint cannot be determined), shall not be used to establish control charts.

3. SRT tests which do not meet the acceptability criteria for a specific species shall not be used to establish control charts.

4. All values used in the control charts should be as nominal concentrations. However, the control charts shall be accompanied by a chart tabulating the test results as measured concentrations.

5. An outlier (i.e. values which fall outside the upper and lower control limits) should be included on the control chart unless it is determined that the outlier was caused by factors not directly related to the test organisms (e.g., test concentration preparation) as the source of variability would not be directly applicable to effluent tests. In such case, the result and explanation shall be reported to the Department within 30 days of the completion of the SRT test.

The control chart established for the initial series of SRT data submitted will be used by the laboratory and the Department to determine outliers from SRT test results reported in the "NJPDES Biomonitoring Report Form - Chronic Toxicity Test" submitted by the permittees for the test species. These initial control limits will remain unchanged until twenty SRT tests have been completed by the laboratory.

The following procedures shall be used for continually updating control charts after twenty acceptable SRT tests have been completed:

1. Once a laboratory has completed twenty acceptable SRT tests for a test species, the upper and lower control limits shall be recalculated with those twenty values.

2. For each successive SRT test conducted after these first twenty tests, a moving average shall be calculated and the control limits reevaluated using the last twenty consecutive test results.

3. The upper and lower control limits shall be reported on the "NJPDES Biomonitoring Report Form - Chronic Toxicity Tests" along with the SRT test result.

E. UNACCEPTABLE SRT TEST RESULTS

If a laboratory produces any SRT test results which are outside the established upper and lower control limits for a test species at a frequency greater than one test in any ten tests, a report shall be forwarded to the Department at the address contained herein. This report shall include any identified problem which caused the values to fall outside the expected range and the corresponding actions that have been taken by the laboratory. The Department may not accept or may require repeat testing for any toxicity testing that may have been affected by such an occurrence.

If a laboratory produces two consecutive SRT test results or three out of any ten test results which are outside the established upper and lower limits for a specific test species, the laboratory shall be unapproved to conduct chronic toxicity tests for compliance purposes for that test species. Reapproval shall be contingent upon the laboratory producing SRT test results within the established upper and lower control limits for that test species in two consecutive SRT tests. If one or both of those test results again fall outside the established control levels, the laboratory is unapproved for that test species until five consecutive test results within the established upper and lower control limits are submitted and approved by the Department.

F. ANNUAL SUBMITTALS

Control charts shall be forwarded to the Department on an annual basis, on the anniversary of approval for the test species.

The Department may request, at any time, any information which is essential in the evaluation of SRT results and/or compliance data.

V. TEST CANCELLATION / RESCHEDULING EVENTS

A lab may become aware of QA problems during or immediately following a test that will prevent data from being submitted or a lab may be unable to complete a tests due to sample collection or shipping problems. If for any reason a chronic toxicity test is initiated and then prematurely ended by the laboratory or at the request of the permittee, the laboratory shall submit the form entitled "Chronic Whole Effluent Toxicity Testing Test Cancellation / Rescheduling Event Form" contained herein. This form shall be used to detail the reason for prematurely ending the test. This completed form and any applicable raw data sheets shall be submitted to the appropriate biomonitoring program at the address above within 30 days of the cessation of the test.

Tests are considered to be initiated once test organisms have been added to all test chambers.

Submission of this form does not relieve the facility from monitoring for that monitoring period.

VI. REPORTING

The report form entitled "NJPDES Biomonitoring Report Form - Chronic Toxicity Tests" should be used to report the results of all NJPDES chronic compliance biomonitoring tests. Laboratory facsimiles are acceptable but must contain all information included on any recent revisions of the form by the Department. Statistical printouts and raw data sheets for all endpoints analyzed shall be included with the report submitted to the Department. Two copies of all chronic toxicity test report forms shall be submitted to the following address as applicable:

Bureau of Point Source Permitting Region 1 **OR**
Bureau of Point Source Permitting Region 2 (as indicated in the cover letter)

New Jersey Department of Environmental Protection
Division of Water Quality
PO Box 29
Trenton, NJ 08625-0029

It is not necessary to attach a copy of a test report form to the Discharge Monitoring Report (DMR) form when submitting this form to the Department. However, the results of all chronic toxicity tests conducted for compliance purposes must be reported on the DMR form under the appropriate parameter code in the monitoring period in which the test was conducted.

VII. METHOD SPECIFICATIONS

The following method specifications shall be followed as specified in the NJPDES permit. Any changes to these methods will not be considered acceptable unless they are approved in writing by the Department, prior to their use.

A. Fathead Minnow (*Pimephales promelas*), Larval Survival and Growth Test, method 1000.0
B. *Ceriodaphnia dubia*, Survival and Reproduction Test, method 1002.0
C. Algal, (*Selenastrum capricornutum*), Growth Test, method 1003.0
D. Sheepshead Minnow (*Cyprinodon variegatus*), Larval Survival and Growth Test, method 1005.0
E. Inland Silverside (*Menidia beryllina*), Larval Survival and Growth Test, method 1006.0
F. *Mysidopsis bahia*, Survival, Growth, and Fecundity Test, method 1007.0
G. *Champia parvula*, Sexual Reproduction Test, method 1009.0

VIII. REFERENCES

1. Keating, K. 1985. The influence of Vitamin B12 deficiency on the reproduction of Daphnia pulex Leydig (Cladocera). J. Crustacean Biology 5:130-136.

2. Keating, K. 1988. N.J.D.E.P. Project C29589, Fiscal 1988 Third Quarter Summary Report. Producing Nutritionally Competent Daphnids for Use in Bioassay. 44p.

3. Keating, K., and B. Dagbusan. 1984. Effect of selenium deficiency on cuticle integrity in Cladocera (Crustacea). Proc. Natl. Acad. Sci. USA 81:3433-3437.

4. NJDEP, 1993. Discharge Monitoring Report (DMR) Instruction Manual.

5. USEPA. 1994. Short Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms. EPA-600/4-91-003. July 1994. Second Edition.

6. USEPA. 1994. Short Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms. EPA/600/4-91/002. July 1994. Third Edition.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
PO Box 29
TRENTON, NEW JERSEY 08625-0029
BIOMONITORING PROGRAM

CHRONIC WHOLE EFFLUENT TOXICITY TESTING
TEST CANCELLATION / RESCHEDULING EVENT FORM

THIS FORM IS TO BE COMPLETED AND SUBMITTED TO THE DEPARTMENT DIRECTLY BY THE LABORATORY CONDUCTING CHRONIC TOXICITY TESTS WHENEVER A CHRONIC TOXICITY TEST IS PREMATURELY ENDED FOR ANY REASON

NJPDES No.: _____

FACILITY NAME: _____

LOCATION: _____

CONTACT: _____ PHONE: _____

CANCELLATION EVENT:

LABORATORY NAME / NUMBER: _____

CONTACT: _____

TEST START DATE: ____/____/____ TEST END DATE: ____/____/____

REASON FOR CANCELLATION: _____

EFFLUENT SAMPLING:

SAMPLING POINT / DESCRIPTION OF SAMPLING SITE: _____

SAMPLING INITIATED: DATE: ___/___/___ TIME: _____

SAMPLING ENDED: DATE: ___/___/___ TIME: _____

NUMBER OF EFFLUENT SAMPLES COLLECTED: _____

SAMPLE TYPE (GRAB/COMPOSITE): _____

RECEIVED IN LAB BY/FROM: _____

METHOD OF SHIPMENT: _____

(ALL APPLICABLE RAW DATA SHEETS MUST BE ATTACHED)

c: Permittees authorized agent.

Masterfile #: 37564

PI #: 46560

APPENDIX B

APPROVED RWBR AUTHORIZATIONS

The permittee is authorized to utilize RWBR only for the categories and specific types listed below. Additional types, under an existing category, may be added to this permit by modification.

RWBR Category	Specific RWBR Type	Location	Authorization Date
PA	Spray Irrigation (Golf Course)	N/A	Not Authorized
PA	Spray Irrigation (Athletic Fields, Playgrounds)	N/A	Not Authorized
PA	Spray Irrigation (Residential Lawns)	N/A	Not Authorized
PA	Vehicle Washing	N/A	Not Authorized
PA	Hydroseeding	N/A	Not Authorized
PA	Decorative Fountains	N/A	Not Authorized
RA-LA	Sod Irrigation	N/A	Not Authorized
RA-LA	Spray Irrigation within a fenced perimeter or otherwise restricted area *OR* in a controlled area NOTE: The Nitrogen (NO3+NH3) requirement does not apply for this type of reuse.	N/A	Not Authorized
RA-LA	Spray Irrigation	N/A	Not Authorized
RA-CM	Street Sweeping	N/A	Not Authorized
RA-CM	Dust Control	N/A	Not Authorized
RA-CM	Fire Protection	N/A	Not Authorized
RA-IS	Sanitary Sewer Jetting	N/A	Not Authorized
RA-IS	Non-Contact Cooling Water	N/A	Not Authorized
RA-IS	Boiler Makeup Water	N/A	Not Authorized
RA-IS	Road Milling	N/A	Not Authorized
RA-IS	Hydrostatic Testing	N/A	Not Authorized
RA-IS	Parts Washing	N/A	Not Authorized

RWBR Categories:

PA	Public Access
RA--LA	Restricted Access--Land Application and Non Edible Crops
RA--CM	Restricted Access--Construction and Maintenance Operations
RA--IS	Restricted Access--Industrial Systems

New Jersey Department of Environmental Protection
Division of Water Quality

PI 46560

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:
	Month	Day	Year		Month	Day	Year	
NJ0050423	6	1	2007	To	6	30	2007	001A - Surface Water Outfall

PERMITTEE:
LOWER ALLOWAYS CREEK TWP
501 LOCUST ISLAND RD
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:
HANCOCKS BRIDGE STP
POPLAR ST
HANCOCKS BRIDGE, NJ 08038-0000

REPORT RECIPIENT:
HANCOCKS BRIDGE STP
MUNICIPAL BLDG
PO BOX 157
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE: ☐ **No Discharge this Monitoring Period** ☐ **Monitoring Report Comments Attached**

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that reponsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to $50,000 per violation.

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR **GRADE AND REGISTRY NUMBER (IF APPLICABLE)**

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR **DATE** **AREA CODE/PHONE NUMBER**

**For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE **SIGNATURE** **DATE** **AREA CODE/PHONE NUMBER**

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 6/30/2007	HANCOCKS BRIDGE STP

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT			MGD	******	******	******	******			
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		******	******	******			Continuous	CONTIN
	QL	******	******		******	******	******				
BOD, 5-Day (20 oC) 00310 G Raw Sew/influent	SAMPLE MEASUREMENT	******	******	******	******			MG/L			
	PERMIT REQUIREMENT	******	******		******	REPORT 01MOAV	REPORT 01WKAV			2/Month	COMP-4
	QL	******	******		******	******	******				
BOD, 5-Day (20 oC) 00310 1 Effluent Gross Value	SAMPLE MEASUREMENT			KG/DAY	******			MG/L			
	PERMIT REQUIREMENT	1.9 01MOAV	7.1 01WKAV		******	30 01MOAV	45 01WKAV			2/Month	COMP-4
	QL	******	******		******	******	******				
BOD, 5-Day (20 oC) 00310 K Percent Removal	SAMPLE MEASUREMENT	******	******	******		******	******	PERCENT			
	PERMIT REQUIREMENT	******	******		87.5 01MOAVMN	******	******			2/Month	CALCTD
	QL	******	******		******	******	******				
pH 00400 G Raw Sew/influent	SAMPLE MEASUREMENT	******	******	******		******		SU			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	******	REPORT 01RPMX			1/Day	GRAB
	QL	******	******		******	******	******				
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******		******		SU			
	PERMIT REQUIREMENT	******	******		6.0 01RPMN	******	9.0 01RPMX			1/Day	GRAB
	QL	******	******		******	******	******				

Comments: For questions or comments in regards to this monitoring report form, please contact Kelly Perez at (609) 292-4860 or via email at "kelly.perez@dep.state.nj.us".

Pre-Print Creation Date: 5/11/2007

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 6/30/2007	HANCOCKS BRIDGE STP

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended 00530 G Raw Sew/influent	SAMPLE MEASUREMENT	******	******	******	******			MG/L			
	PERMIT REQUIREMENT	******	******		******	REPORT 01MOAV	REPORT 01WKAV			2/Month	COMP-4
	QL	******	******		******	******	******				
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT				******			MG/L			
	PERMIT REQUIREMENT	5.7 01MOAV	8.5 01WKAV	KG/DAY	******	30 01MOAV	45 01WKAV			2/Month	COMP-4
	QL	******	******		******	******	******				
Solids, Total Suspended 00530 K Percent Removal	SAMPLE MEASUREMENT	******	******			******	******	PERCENT			
	PERMIT REQUIREMENT	******	******	******	85 01MOAVMN	******	******			2/Month	CALCTD
	QL	******	******		******	******	******				
Oil and Grease 00556 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******		******			MG/L			
	PERMIT REQUIREMENT	******	******	******	******	10 01MOAV	15 01RPINMX			1/Quarter	GRAB
	QL	******	******		******	******	******				
Nitrogen, Ammonia Total (as N) 00610 1 Effluent Gross Value	SAMPLE MEASUREMENT				******			MG/L			
	PERMIT REQUIREMENT	6.6 01MOAV	REPORT 01DAMX	KG/DAY	******	35 01MOAV	REPORT 01DAMX			2/Month	COMP-4
	QL	******	******		******	******	******				
Enterococci 61211 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******		******			#/100ML			
	PERMIT REQUIREMENT	******	******	******	******	REPORT 01MOGE	REPORT 01RPINMX			5/Month	GRAB
	QL	******	******		******	******	******				

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Pre-Print Creation Date: 5/11/2007

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 6/30/2007	HANCOCKS BRIDGE STP

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Coliform, Fecal General 74055 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******			#/100ML			
	PERMIT REQUIREMENT	******	******		******	200 01MOGE	1000 01WKGE			1/Month	GRAB
	QL	******	******		******	******	******				
LC50 Statre 96hr Acu Mysid Bahia TAN3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******		******	******	%EFFL			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	******	******			1/6 Months	COMPOS
	QL	******	******		******	******	******				
IC25 Statre 7day Chr Mysid Bahia TBP3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******		******	******	%EFFL			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	******	******			1/Quarter	COMPOS
	QL	******	******		******	******	******				
IC25 Statre 7day Chr Menidia TBP6B 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******		******	******	%EFFL			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	******	******			1/Quarter	COMPOS
	QL	******	******		******	******	******				
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value	SAMPLE MEASUREMENT			KG/DAY	******			MG/L			
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		******	REPORT 01MOAV	REPORT 01DAMX			1/Day	GRAB
	MDL	0.02	0.02		******	0.1	0.1				
Temperature, oC 00010 G Raw Sew/influent	SAMPLE MEASUREMENT	******	******	******				DEG.C			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	REPORT 01MOAV	REPORT 01RPMX			1/Day	GRAB
	QL	******	******		******	******	******				

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PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 6/30/2007	HANCOCKS BRIDGE STP

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******				DEG.C			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	REPORT 01MOAV	REPORT 01RPMX			1/Day	GRAB
	QL	******	******		******	******	******				
Oxygen, Dissolved (DO) 00300 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******		******	MG/L			
	PERMIT REQUIREMENT	******	******		******	5.0 01WKAVMN	******			2/Month	GRAB
	QL	******	******		******	******	******				
1,2-Dichloroethane 32103 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******	******		UG/L			
	PERMIT REQUIREMENT	******	******		******	******	REPORT 01DAMX			1/Quarter	COMP-4
	RQL	******	******		******	******	1.0				
Tetrachloroethylene 34475 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******	******		UG/L			
	PERMIT REQUIREMENT	******	******		******	******	REPORT 01DAMX			1/Quarter	COMP-4
	RQL	******	******		******	******	1.0				
Trichloroethene 78391 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******	******		UG/L			
	PERMIT REQUIREMENT	******	******		******	******	REPORT 01DAMX			1/Quarter	COMP-4
	RQL	******	******		******	******	1.0				
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL	******	******		******	******	******				

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Pre-Print Creation Date: 5/11/2007

New Jersey Department of Environmental Protection
Division of Water Quality

PI 46560

Surface Water Discharge Waste Characterization Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD							MONITORED LOCATION:
	Month	Day	Year		Month	Day	Year	
NJ0050423	6	1	2007	To	11	30	2007	001A - Surface Water Out

PERMITTEE:
LOWER ALLOWAYS CREEK TWP
501 LOCUST ISLAND RD
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:
HANCOCKS BRIDGE STP
POPLAR ST
HANCOCKS BRIDGE, NJ 08038-0000

REPORT RECIPIENT:
HANCOCKS BRIDGE STP
MUNICIPAL BLDG
PO BOX 157
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE: ☐ **No Discharge this Monitoring Period** ☐ **Monitoring Report Comments Attached**

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that reponsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to $50,000 per violation.

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

DATE (MONTH / DAY / YEAR)

AREA CODE / TELEPHONE NUMBER

**For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE

SIGNATURE

DATE

AREA CODE/PHONE NUMBER

Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Manganese, Total Recoverable 11123 Effluent Gross Value			UG/L		COMP24
Cyanide, Total (as CN) 00720 Effluent Gross Value	RQL = 40		UG/L		GRAB
Arsenic, Total Recoverable (as As) 00978 Effluent Gross Value	RQL = 8		UG/L		COMP24
Selenium, Total Recoverable 00981 Effluent Gross Value	RQL = 10		UG/L		COMP24
Thallium, Total Recoverable 00982 Effluent Gross Value	RQL = 10		UG/L		COMP24
Nickel, Total Recoverable 01074 Effluent Gross Value	RQL = 10		UG/L		COMP24
Silver, Total Recoverable 01079 Effluent Gross Value	RQL = 2		UG/L		COMP24
Zinc, Total Recoverable 01094 Effluent Gross Value	RQL = 30		UG/L		COMP24
Cadmium, Total Recoverable 01113 Effluent Gross Value	RQL = 4		UG/L		COMP24
Lead, Total Recoverable 01114 Effluent Gross Value	RQL = 10		UG/L		COMP24
Chromium, Total Recoverable 01118 Effluent Gross Value	RQL = 10		UG/L		COMP24
Copper, Total Recoverable 01119 Effluent Gross Value	RQL = 10		UG/L		COMP24
Chromium, Hexavalent Dissolved (as Cr) 01220 Effluent Gross Value			UG/L		COMP24
Antimony, Total Recoverable 01268 Effluent Gross Value	RQL = 20		UG/L		COMP24
Mercury Total Recoverable 71901 Effluent Gross Value	RQL = 1		UG/L		COMP24
Anthracene 34220 Effluent Gross Value	RQL = 10		UG/L		COMP24
Benzo(b)fluoranthene (3,4-benzo) 34230 Effluent Gross Value			UG/L		COMP24
Benzo(k)fluoranthene 34242 Effluent Gross Value	RQL = 20		UG/L		COMP24
Benzo(a)pyrene 34247 Effluent Gross Value	RQL = 20		UG/L		COMP24
Bis(2-chloroethyl) ether 34273 Effluent Gross Value	RQL = 10		UG/L		COMP24
Bis (2-chloroIso- propyl) ether 34283 Effluent Gross Value	RQL = 10		UG/L		COMP24
Butyl benzyl phthalate 34292 Effluent Gross Value	RQL = 20		UG/L		COMP24
Chrysene 34320 Effluent Gross Value	RQL = 20		UG/L		COMP24

Comments: If you have any questions concerning this form, please contact Kelly Perez at (609)292-4860 or via email at "kelly.perez@dep.state.nj.us".

Pre-Print Creation Date: 5/11/2007

Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Diethyl phthalate 34336 Effluent Gross Value	RQL = 10		UG/L		COMP24
Dimethyl phthalate 34341 Effluent Gross Value	RQL = 10		UG/L		COMP24
1,2-Diphenyl- hydrazine 34346 Effluent Gross Value			UG/L		COMP24
Fluoranthene 34376 Effluent Gross Value	RQL = 10		UG/L		COMP24
Fluorene 34381 Effluent Gross Value	RQL = 10		UG/L		COMP24
Hexachlorocyclo- pentadiene 34386 Effluent Gross Value	RQL = 10		UG/L		COMP24
Hexachloroethane 34396 Effluent Gross Value	RQL = 10		UG/L		COMP24
Indeno(1,2,3-cd)- pyrene 34403 Effluent Gross Value	RQL = 20		UG/L		COMP24
Isophorone 34408 Effluent Gross Value	RQL = 10		UG/L		COMP24
N-nitrosodiphenyl- amine 34433 Effluent Gross Value	RQL = 20		UG/L		COMP24
N-nitrosodimethyl- amine 34438 Effluent Gross Value	RQL = 20		UG/L		COMP24
Nitrobenzene 34447 Effluent Gross Value	RQL = 10		UG/L		COMP24
Pyrene 34469 Effluent Gross Value	RQL = 20		UG/L		COMP24
Benzo(a)anthracene 34526 Effluent Gross Value	RQL = 10		UG/L		COMP24
1,2-Dichlorobenzene 34536 Effluent Gross Value	RQL = 9		UG/L		COMP24
1,2,4-Trichloro- benzene 34551 Effluent Gross Value	RQL = 10		UG/L		COMP24
Dibenzo(a,h) anthracene 34556 Effluent Gross Value	RQL = 20		UG/L		COMP24
1,3-Dichlorobenzene 34566 Effluent Gross Value	RQL = 9		UG/L		COMP24
1,4-Dichlorobenzene 34571 Effluent Gross Value	RQL = 20		UG/L		COMP24
2,4-Dinitrotoluene 34611 Effluent Gross Value	RQL = 10		UG/L		COMP24
3,3'-Dichloro- benzidine 34631 Effluent Gross Value	RQL = 60		UG/L		COMP24
Bis(2-ethylhexyl) phthalate 39100 Effluent Gross Value	RQL = 30		UG/L		COMP24
Di-n-butyl phthalate 39110 Effluent Gross Value	RQL = 20		UG/L		COMP24

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Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Benzidine 39120 Effluent Gross Value	RQL = 50		UG/L		COMP24
Malathion 39530 Effluent Gross Value			UG/L		COMP24
Demeton 39560 Effluent Gross Value			UG/L		COMP24
Hexachlorobenzene 39700 Effluent Gross Value	RQL = 10		UG/L		COMP24
Hexachlorobutadiene 39702 Effluent Gross Value	RQL = 10		UG/L		COMP24
Mirex 39755 Effluent Gross Value			UG/L		COMP24
1,3-Dichloropropene 77163 Effluent Gross Value	RQL = 7		UG/L		GRAB
1,2,4,5-Tetrachloro- benzene 77734 Effluent Gross Value			UG/L		COMP24
Carbon Tetrachloride 32102 Effluent Gross Value	RQL = 6		UG/L		GRAB
1,2-Dichloroethane 32103 Effluent Gross Value	RQL = 3		UG/L		GRAB
Bromoform 32104 Effluent Gross Value	RQL = 8		UG/L		GRAB
Chloroform 32106 Effluent Gross Value	RQL = 5		UG/L		GRAB
Toluene 34010 Effluent Gross Value	RQL = 6		UG/L		GRAB
Benzene 34030 Effluent Gross Value	RQL = 7		UG/L		GRAB
Acrolein 34210 Effluent Gross Value	RQL = 50		UG/L		GRAB
Acrylonitrile 34215 Effluent Gross Value	RQL = 50		UG/L		GRAB
Chlorobenzene 34301 Effluent Gross Value	RQL = 6		UG/L		GRAB
Chlorodibromomethane 34306 Effluent Gross Value	RQL = 6		UG/L		GRAB
Ethylbenzene 34371 Effluent Gross Value	RQL = 6		UG/L		GRAB
Methyl Bromide 34413 Effluent Gross Value	RQL = 9		UG/L		GRAB
Methylene Chloride 34423 Effluent Gross Value	RQL = 6		UG/L		GRAB
Tetrachloroethylene 34475 Effluent Gross Value	RQL = 9		UG/L		GRAB
1,1-Dichloroethylene 34501 Effluent Gross Value	RQL = 6		UG/L		GRAB

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Surface Water Discharge Waste Characterization Report PI 46560

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NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
1,1,2-Trichloro- ethane 34511 Effluent Gross Value	RQL = 6		UG/L		GRAB
1,1,2,2-Tetrachloro- ethane 34516 Effluent Gross Value	RQL = 10		UG/L		GRAB
Bromodichloromethane 38693 Effluent Gross Value	RQL = 5		UG/L		GRAB
Vinyl Chloride 39175 Effluent Gross Value	RQL = 10		UG/L		GRAB
Trichloroethylene 39180 Effluent Gross Value	RQL = 5		UG/L		GRAB
Methoxychlor 39480 Effluent Gross Value			UG/L		COMP24
2,4,5-Trichloro- phenol 77687 Effluent Gross Value			UG/L		COMP24
Endosulfan Sulfate 34351 Effluent Gross Value	RQL = 0.08		UG/L		COMP24
Beta Endosulfan 34356 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Alpha Endosulfan 34361 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
Endrin Aldehyde 34366 Effluent Gross Value	RQL = 0.1		UG/L		COMP24
PCB-1016 (Arochlor 1016) 34671 Effluent Gross Value			UG/L		COMP24
2,3,7,8-Tetrachloro- dibenzo-p-dioxin 34675 Effluent Gross Value			UG/L		COMP24
4,4'-DDT(p,p'-DDT) 39300 Effluent Gross Value	RQL = 0.06		UG/L		COMP24
4,4'-DDD(p,p'-DDD) 39310 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
4,4'-DDE(p,p'-DDE) 39320 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Aldrin 39330 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Alpha BHC 39336 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
Beta BHC 39338 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Gamma BHC (lindane), 39340 Effluent Gross Value	RQL = 0.03		UG/L		COMP24
Chlordane 39350 Effluent Gross Value	RQL = 0.2		UG/L		COMP24
Dieldrin 39380 Effluent Gross Value	RQL = 0.03		UG/L		COMP24
Endosulfans, Total (alpha and beta) 39388 Effluent Gross Value			UG/L		COMP24

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Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Endrin 39390 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Toxaphene 39400 Effluent Gross Value	RQL = 1		UG/L		COMP24
Heptachlor 39410 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
Heptachlor Epoxide 39420 Effluent Gross Value	RQL = 0.4		UG/L		COMP24
PCB-1221 (Arochlor 1221) 39488 Effluent Gross Value			UG/L		COMP24
PCB-1232 (Arochlor 1232) 39492 Effluent Gross Value			UG/L		COMP24
PCB-1242 (Arochlor 1242) 39496 Effluent Gross Value			UG/L		COMP24
PCB-1248 (Arochlor 1248) 39500 Effluent Gross Value			UG/L		COMP24
PCB-1254 (Arochlor 1254) 39504 Effluent Gross Value			UG/L		COMP24
PCB-1260 (Arochlor 1260) 39508 Effluent Gross Value			UG/L		COMP24
Polychlorinated Biphenyls (PCBs) 39516 Effluent Gross Value			UG/L		COMP24
Chlorpyrifos 77969 Effluent Gross Value			UG/L		COMP24
2-Chlorophenol 34586 Effluent Gross Value	RQL = 20		UG/L		COMP24
2,4-Dichlorophenol 34601 Effluent Gross Value	RQL = 10		UG/L		COMP24
2,4-Dinitrophenol 34616 Effluent Gross Value	RQL = 40		UG/L		COMP24
2,4,6-Trichloro- phenol 34621 Effluent Gross Value	RQL = 20		UG/L		COMP24
4,6-Dinitro-o-cresol 34657 Effluent Gross Value	RQL = 60		UG/L		COMP24
Phenol Single Compound 34694 Effluent Gross Value	RQL = 10		UG/L		COMP24
Pentachlorophenol 39032 Effluent Gross Value	RQL = 30		UG/L		COMP24
Pentachlorobenzene 77793 Effluent Gross Value			UG/L		COMP24
Sulfide-Hydrogen Sulfide(undissociat) *PS07 Effluent Gross Value			UG/L		COMP24
Guthion 39580 Effluent Gross Value			UG/L		COMP24
Lab Certification # 99999 Lab					NOT AP

Comments: If you have any questions concerning this form, please contact Kelly Perez at (609)292-4860 or via email at "kelly.perez@dep.state.nj.us".

Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	*MONITORED LOCATION:*	*MONITORING PERIOD:*	*FACILITY NAME:*
NJ0050423	**001A Surface Water Outfall**	**6/1/2007 TO 11/30/2007**	**HANCOCKS BRIDGE STP**

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Lab Certification # 99999 Lab					**NOT AP**
Lab Certification # 99999 Lab					**NOT AP**
Lab Certification # 99999 Lab					**NOT AP**
Lab Certification # 99999 Lab					**NOT AP**

Comments: If you have any questions concerning this form, please contact Kelly Perez at (609)292-4860 or via email at "kelly.perez@dep.state.nj.us".

New Jersey Department of Environmental Protection
Division of Water Quality

PI 46560

Surface Water Discharge Monitoring Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD							MONITORED LOCATION:
	Month	Day	Year		Month	Day	Year	
NJ0050423	6	1	2007	To	6	30	2007	001A - Surface Water Outfall

PERMITTEE:
LOWER ALLOWAYS CREEK TWP
501 LOCUST ISLAND RD
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:
HANCOCKS BRIDGE STP
POPLAR ST
HANCOCKS BRIDGE, NJ 08038-0000

REPORT RECIPIENT:
HANCOCKS BRIDGE STP
MUNICIPAL BLDG
PO BOX 157
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: Southern / Salem County

CHECK IF APPLICABLE: ☐ **No Discharge this Monitoring Period** ☐ **Monitoring Report Comments Attached**

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that reponsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to $50,000 per violation.

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR **GRADE AND REGISTRY NUMBER (IF APPLICABLE)**

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR **DATE** **AREA CODE/PHONE NUMBER**

**For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE **SIGNATURE** **DATE** **AREA CODE/PHONE NUMBER**

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 6/30/2007	HANCOCKS BRIDGE STP

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT			MGD	******	******	******	******			
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		******	******	******			Continuous	CONTIN
	QL	******	******		******	******	******				
BOD, 5-Day (20 oC) 00310 G Raw Sew/influent	SAMPLE MEASUREMENT	******	******	******	******			MG/L			
	PERMIT REQUIREMENT	******	******		******	REPORT 01MOAV	REPORT 01WKAV			2/Month	COMP-4
	QL	******	******		******	******	******				
BOD, 5-Day (20 oC) 00310 1 Effluent Gross Value	SAMPLE MEASUREMENT			KG/DAY	******			MG/L			
	PERMIT REQUIREMENT	1.9 01MOAV	7.1 01WKAV		******	30 01MOAV	45 01WKAV			2/Month	COMP-4
	QL	******	******		******	******	******				
BOD, 5-Day (20 oC) 00310 K Percent Removal	SAMPLE MEASUREMENT	******	******	******		******	******	PERCENT			
	PERMIT REQUIREMENT	******	******		87.5 01MOAVMN	******	******			2/Month	CALCTD
	QL	******	******		******	******	******				
pH 00400 G Raw Sew/influent	SAMPLE MEASUREMENT	******	******	******		******		SU			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	******	REPORT 01RPMX			1/Day	GRAB
	QL	******	******		******	******	******				
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******		******		SU			
	PERMIT REQUIREMENT	******	******		6.0 01RPMN	******	9.0 01RPMX			1/Day	GRAB
	QL	******	******		******	******	******				

Comments: For questions or comments in regards to this monitoring report form, please contact Kelly Perez at (609) 292-4860 or via email at "kelly.perez@dep.state.nj.us".

Pre-Print Creation Date: 5/11/2007

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 6/30/2007	HANCOCKS BRIDGE STP

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended 00530 G Raw Sew/influent	SAMPLE MEASUREMENT	******	******	******	******			MG/L			
	PERMIT REQUIREMENT	******	******		******	REPORT 01MOAV	REPORT 01WKAV			2/Month	COMP-4
	QL	******	******		******	******	******				
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT			KG/DAY	******			MG/L			
	PERMIT REQUIREMENT	5.7 01MOAV	8.5 01WKAV		******	30 01MOAV	45 01WKAV			2/Month	COMP-4
	QL	******	******		******	******	******				
Solids, Total Suspended 00530 K Percent Removal	SAMPLE MEASUREMENT	******	******	******		******	******	PERCENT			
	PERMIT REQUIREMENT	******	******		85 01MOAVMN	******	******			2/Month	CALCTD
	QL	******	******		******	******	******				
Oil and Grease 00556 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******			MG/L			
	PERMIT REQUIREMENT	******	******		******	10 01MOAV	15 01RPINMX			1/Quarter	GRAB
	QL	******	******		******	******	******				
Nitrogen, Ammonia Total (as N) 00610 1 Effluent Gross Value	SAMPLE MEASUREMENT			KG/DAY	******			MG/L			
	PERMIT REQUIREMENT	6.6 01MOAV	REPORT 01DAMX		******	35 01MOAV	REPORT 01DAMX			2/Month	COMP-4
	QL	******	******		******	******	******				
Enterococci 61211 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******			#/100ML			
	PERMIT REQUIREMENT	******	******		******	REPORT 01MOGE	REPORT 01RPINMX			5/Month	GRAB
	QL	******	******		******	******	******				

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Pre-Print Creation Date: 5/11/2007

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 6/30/2007	HANCOCKS BRIDGE STP

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Coliform, Fecal General 74055 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******			#/100ML			
	PERMIT REQUIREMENT	******	******		******	200 01MOGE	1000 01WKGE			1/Month	GRAB
	QL	******	******		******	******	******				
LC50 Statre 96hr Acu Mysid Bahia TAN3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******		******	******	%EFFL			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	******	******			1/6 Months	COMPOS
	QL	******	******		******	******	******				
IC25 Statre 7day Chr Mysid Bahia TBP3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******		******	******	%EFFL			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	******	******			1/Quarter	COMPOS
	QL	******	******		******	******	******				
IC25 Statre 7day Chr Menidia TBP6B 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******		******	******	%EFFL			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	******	******			1/Quarter	COMPOS
	QL	******	******		******	******	******				
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value	SAMPLE MEASUREMENT			KG/DAY	******			MG/L			
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		******	REPORT 01MOAV	REPORT 01DAMX			1/Day	GRAB
	MDL	0.02	0.02		******	0.1	0.1				
Temperature, oC 00010 G Raw Sew/influent	SAMPLE MEASUREMENT	******	******	******				DEG.C			
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	REPORT 01MOAV	REPORT 01RPMX			1/Day	GRAB
	QL	******	******		******	******	******				

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Pre-Print Creation Date: 5/11/2007

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 6/30/2007	HANCOCKS BRIDGE STP

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******				DEG.C		1/Day	GRAB
	PERMIT REQUIREMENT	******	******		REPORT 01RPMN	REPORT 01MOAV	REPORT 01RPMX				
	QL	******	******		******	******	******				
Oxygen, Dissolved (DO) 00300 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******		******	MG/L		2/Month	GRAB
	PERMIT REQUIREMENT	******	******		******	5.0 01WKAVMN	******				
	QL	******	******		******	******	******				
1,2-Dichloroethane 32103 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******	******		UG/L		1/Quarter	COMP-4
	PERMIT REQUIREMENT	******	******		******	******	REPORT 01DAMX				
	RQL	******	******		******	******	1.0				
Tetrachloroethylene 34475 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******	******		UG/L		1/Quarter	COMP-4
	PERMIT REQUIREMENT	******	******		******	******	REPORT 01DAMX				
	RQL	******	******		******	******	1.0				
Trichloroethene 78391 1 Effluent Gross Value	SAMPLE MEASUREMENT	******	******	******	******	******		UG/L		1/Quarter	COMP-4
	PERMIT REQUIREMENT	******	******		******	******	REPORT 01DAMX				
	RQL	******	******		******	******	1.0				
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT									Not Applic	NOT AP
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #				
	QL	******	******		******	******	******				

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Pre-Print Creation Date: 5/11/2007

New Jersey Department of Environmental Protection
Division of Water Quality

PI 46560

Surface Water Discharge Waste Characterization Report Submittal Form

NJPDES PERMIT	MONITORING PERIOD							MONITORED LOCATION:
	Month	Day	Year		Month	Day	Year	
NJ0050423	6	1	2007	To	11	30	2007	001A - Surface Water Out

PERMITTEE:
LOWER ALLOWAYS CREEK TWP
501 LOCUST ISLAND RD
HANCOCKS BRIDGE, NJ 08038

LOCATION OF ACTIVITY:
HANCOCKS BRIDGE STP
POPLAR ST
HANCOCKS BRIDGE, NJ 08038-0000

REPORT RECIPIENT:
HANCOCKS BRIDGE STP
MUNICIPAL BLDG
PO BOX 157
HANCOCKS BRIDGE, NJ 08038

REGION / COUNTY: **Southern / Salem County**

CHECK IF APPLICABLE: ☐ **No Discharge this Monitoring Period** ☐ **Monitoring Report Comments Attached**

WHO MUST SIGN The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that reponsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey Water Pollution Control Act provides for penalties up to $50,000 per violation.

NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

GRADE AND REGISTRY NUMBER (IF APPLICABLE)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

DATE (MONTH / DAY / YEAR)

AREA CODE / TELEPHONE NUMBER

**For a local agency where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have received and reviewed the attached discharge monitoring reports.

NAME AND TITLE

SIGNATURE

DATE

AREA CODE/PHONE NUMBER

Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	*MONITORED LOCATION:*	*MONITORING PERIOD:*	*FACILITY NAME:*
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Manganese, Total Recoverable 11123 Effluent Gross Value			UG/L		COMP24
Cyanide, Total (as CN) 00720 Effluent Gross Value	RQL = 40		UG/L		GRAB
Arsenic, Total Recoverable (as As) 00978 Effluent Gross Value	RQL = 8		UG/L		COMP24
Selenium, Total Recoverable 00981 Effluent Gross Value	RQL = 10		UG/L		COMP24
Thallium, Total Recoverable 00982 Effluent Gross Value	RQL = 10		UG/L		COMP24
Nickel, Total Recoverable 01074 Effluent Gross Value	RQL = 10		UG/L		COMP24
Silver, Total Recoverable 01079 Effluent Gross Value	RQL = 2		UG/L		COMP24
Zinc, Total Recoverable 01094 Effluent Gross Value	RQL = 30		UG/L		COMP24
Cadmium, Total Recoverable 01113 Effluent Gross Value	RQL = 4		UG/L		COMP24
Lead, Total Recoverable 01114 Effluent Gross Value	RQL = 10		UG/L		COMP24
Chromium, Total Recoverable 01118 Effluent Gross Value	RQL = 10		UG/L		COMP24
Copper, Total Recoverable 01119 Effluent Gross Value	RQL = 10		UG/L		COMP24
Chromium, Hexavalent Dissolved (as Cr) 01220 Effluent Gross Value			UG/L		COMP24
Antimony, Total Recoverable 01268 Effluent Gross Value	RQL = 20		UG/L		COMP24
Mercury Total Recoverable 71901 Effluent Gross Value	RQL = 1		UG/L		COMP24
Anthracene 34220 Effluent Gross Value	RQL = 10		UG/L		COMP24
Benzo(b)fluoranthene (3,4-benzo) 34230 Effluent Gross Value			UG/L		COMP24
Benzo(k)fluoranthene 34242 Effluent Gross Value	RQL = 20		UG/L		COMP24
Benzo(a)pyrene 34247 Effluent Gross Value	RQL = 20		UG/L		COMP24
Bis(2-chloroethyl) ether 34273 Effluent Gross Value	RQL = 10		UG/L		COMP24
Bis (2-chloroiso- propyl) ether 34283 Effluent Gross Value	RQL = 10		UG/L		COMP24
Butyl benzyl phthalate 34292 Effluent Gross Value	RQL = 20		UG/L		COMP24
Chrysene 34320 Effluent Gross Value	RQL = 20		UG/L		COMP24

Comments: If you have any questions concerning this form, please contact Kelly Perez at (609)292-4860 or via email at "kelly.perez@dep.state.nj.us".

Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Diethyl phthalate 34336 Effluent Gross Value	RQL = 10		UG/L		COMP24
Dimethyl phthalate 34341 Effluent Gross Value	RQL = 10		UG/L		COMP24
1,2-Diphenyl- hydrazine 34346 Effluent Gross Value			UG/L		COMP24
Fluoranthene 34376 Effluent Gross Value	RQL = 10		UG/L		COMP24
Fluorene 34381 Effluent Gross Value	RQL = 10		UG/L		COMP24
Hexachlorocyclo- pentadiene 34386 Effluent Gross Value	RQL = 10		UG/L		COMP24
Hexachloroethane 34396 Effluent Gross Value	RQL = 10		UG/L		COMP24
Indeno(1,2,3-cd)- pyrene 34403 Effluent Gross Value	RQL = 20		UG/L		COMP24
Isophorone 34408 Effluent Gross Value	RQL = 10		UG/L		COMP24
N-nitrosodiphenyl- amine 34433 Effluent Gross Value	RQL = 20		UG/L		COMP24
N-nitrosodimethyl- amine 34438 Effluent Gross Value	RQL = 20		UG/L		COMP24
Nitrobenzene 34447 Effluent Gross Value	RQL = 10		UG/L		COMP24
Pyrene 34469 Effluent Gross Value	RQL = 20		UG/L		COMP24
Benzo(a)anthracene 34526 Effluent Gross Value	RQL = 10		UG/L		COMP24
1,2-Dichlorobenzene 34536 Effluent Gross Value	RQL = 9		UG/L		COMP24
1,2,4-Trichloro- benzene 34551 Effluent Gross Value	RQL = 10		UG/L		COMP24
Dibenzo(a,h) anthracene 34556 Effluent Gross Value	RQL = 20		UG/L		COMP24
1,3-Dichlorobenzene 34566 Effluent Gross Value	RQL = 9		UG/L		COMP24
1,4-Dichlorobenzene 34571 Effluent Gross Value	RQL = 20		UG/L		COMP24
2,4-Dinitrotoluene 34611 Effluent Gross Value	RQL = 10		UG/L		COMP24
3,3'-Dichloro- benzidine 34631 Effluent Gross Value	RQL = 60		UG/L		COMP24
Bis(2-ethylhexyl) phthalate 39100 Effluent Gross Value	RQL = 30		UG/L		COMP24
Di-n-butyl phthalate 39110 Effluent Gross Value	RQL = 20		UG/L		COMP24

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Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Benzidine 39120 Effluent Gross Value	RQL = 50		UG/L		COMP24
Malathion 39530 Effluent Gross Value			UG/L		COMP24
Demeton 39560 Effluent Gross Value			UG/L		COMP24
Hexachlorobenzene 39700 Effluent Gross Value	RQL = 10		UG/L		COMP24
Hexachlorobutadiene 39702 Effluent Gross Value	RQL = 10		UG/L		COMP24
Mirex 39755 Effluent Gross Value			UG/L		COMP24
1,3-Dichloropropene 77163 Effluent Gross Value	RQL = 7		UG/L		GRAB
1,2,4,5-Tetrachloro- benzene 77734 Effluent Gross Value			UG/L		COMP24
Carbon Tetrachloride 32102 Effluent Gross Value	RQL = 6		UG/L		GRAB
1,2-Dichloroethane 32103 Effluent Gross Value	RQL = 3		UG/L		GRAB
Bromoform 32104 Effluent Gross Value	RQL = 8		UG/L		GRAB
Chloroform 32106 Effluent Gross Value	RQL = 5		UG/L		GRAB
Toluene 34010 Effluent Gross Value	RQL = 6		UG/L		GRAB
Benzene 34030 Effluent Gross Value	RQL = 7		UG/L		GRAB
Acrolein 34210 Effluent Gross Value	RQL = 50		UG/L		GRAB
Acrylonitrile 34215 Effluent Gross Value	RQL = 50		UG/L		GRAB
Chlorobenzene 34301 Effluent Gross Value	RQL = 6		UG/L		GRAB
Chlorodibromomethane 34306 Effluent Gross Value	RQL = 6		UG/L		GRAB
Ethylbenzene 34371 Effluent Gross Value	RQL = 6		UG/L		GRAB
Methyl Bromide 34413 Effluent Gross Value	RQL = 9		UG/L		GRAB
Methylene Chloride 34423 Effluent Gross Value	RQL = 6		UG/L		GRAB
Tetrachloroethylene 34475 Effluent Gross Value	RQL = 9		UG/L		GRAB
1,1-Dichloroethylene 34501 Effluent Gross Value	RQL = 6		UG/L		GRAB

Comments: If you have any questions concerning this form, please contact Kelly Perez at (609)292-4860 or via email at "kelly.perez@dep.state.nj.us".

Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
1,1,2-Trichloro- ethane 34511 Effluent Gross Value	RQL = 6		UG/L		GRAB
1,1,2,2-Tetrachloro- ethane 34516 Effluent Gross Value	RQL = 10		UG/L		GRAB
Bromodichloromethane 38693 Effluent Gross Value	RQL = 5		UG/L		GRAB
Vinyl Chloride 39175 Effluent Gross Value	RQL = 10		UG/L		GRAB
Trichloroethylene 39180 Effluent Gross Value	RQL = 5		UG/L		GRAB
Methoxychlor 39480 Effluent Gross Value			UG/L		COMP24
2,4,5-Trichloro- phenol 77687 Effluent Gross Value			UG/L		COMP24
Endosulfan Sulfate 34351 Effluent Gross Value	RQL = 0.08		UG/L		COMP24
Beta Endosulfan 34356 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Alpha Endosulfan 34361 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
Endrin Aldehyde 34366 Effluent Gross Value	RQL = 0.1		UG/L		COMP24
PCB-1016 (Arochlor 1016) 34671 Effluent Gross Value			UG/L		COMP24
2,3,7,8-Tetrachloro- dibenzo-p-dioxin 34675 Effluent Gross Value			UG/L		COMP24
4,4'-DDT(p,p'-DDT) 39300 Effluent Gross Value	RQL = 0.06		UG/L		COMP24
4,4'-DDD(p,p'-DDD) 39310 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
4,4'-DDE(p,p'-DDE) 39320 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Aldrin 39330 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Alpha BHC 39336 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
Beta BHC 39338 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Gamma BHC (lindane), 39340 Effluent Gross Value	RQL = 0.03		UG/L		COMP24
Chlordane 39350 Effluent Gross Value	RQL = 0.2		UG/L		COMP24
Dieldrin 39380 Effluent Gross Value	RQL = 0.03		UG/L		COMP24
Endosulfans, Total (alpha and beta) 39388 Effluent Gross Value			UG/L		COMP24

Comments: If you have any questions concerning this form, please contact Kelly Perez at (609)292-4860 or via email at "kelly.perez@dep.state.nj.us".

Surface Water Discharge Waste Characterization Report PI 46560

PERMIT NUMBER:	MONITORED LOCATION:	MONITORING PERIOD:	FACILITY NAME:
NJ0050423	001A Surface Water Outfall	6/1/2007 TO 11/30/2007	HANCOCKS BRIDGE STP

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Endrin 39390 Effluent Gross Value	RQL = 0.04		UG/L		COMP24
Toxaphene 39400 Effluent Gross Value	RQL = 1		UG/L		COMP24
Heptachlor 39410 Effluent Gross Value	RQL = 0.02		UG/L		COMP24
Heptachlor Epoxide 39420 Effluent Gross Value	RQL = 0.4		UG/L		COMP24
PCB-1221 (Arochlor 1221) 39488 Effluent Gross Value			UG/L		COMP24
PCB-1232 (Arochlor 1232) 39492 Effluent Gross Value			UG/L		COMP24
PCB-1242 (Arochlor 1242) 39496 Effluent Gross Value			UG/L		COMP24
PCB-1248 (Arochlor 1248) 39500 Effluent Gross Value			UG/L		COMP24
PCB-1254 (Arochlor 1254) 39504 Effluent Gross Value			UG/L		COMP24
PCB-1260 (Arochlor 1260) 39508 Effluent Gross Value			UG/L		COMP24
Polychlorinated Biphenyls (PCBs) 39516 Effluent Gross Value			UG/L		COMP24
Chlorpyrifos 77969 Effluent Gross Value			UG/L		COMP24
2-Chlorophenol 34586 Effluent Gross Value	RQL = 20		UG/L		COMP24
2,4-Dichlorophenol 34601 Effluent Gross Value	RQL = 10		UG/L		COMP24
2,4-Dinitrophenol 34616 Effluent Gross Value	RQL = 40		UG/L		COMP24
2,4,6-Trichloro- phenol 34621 Effluent Gross Value	RQL = 20		UG/L		COMP24
4,6-Dinitro-o-cresol 34657 Effluent Gross Value	RQL = 60		UG/L		COMP24
Phenol Single Compound 34694 Effluent Gross Value	RQL = 10		UG/L		COMP24
Pentachlorophenol 39032 Effluent Gross Value	RQL = 30		UG/L		COMP24
Pentachlorobenzene 77793 Effluent Gross Value			UG/L		COMP24
Sulfide-Hydrogen Sulfide(undissociat) *PS07 Effluent Gross Value			UG/L		COMP24
Guthion 39580 Effluent Gross Value			UG/L		COMP24
Lab Certification # 99999 Lab					NOT AP

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Surface Water Discharge Waste Characterization Report PI 46560

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NJ0050423	**001A Surface Water Outfall**	**6/1/2007 TO 11/30/2007**	**HANCOCKS BRIDGE STP**

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Lab Certification # 99999 Lab					**NOT AP**
Lab Certification # 99999 Lab					**NOT AP**
Lab Certification # 99999 Lab					**NOT AP**
Lab Certification # 99999 Lab					**NOT AP**

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